



Mammal collections of the Western Hemisphere: a survey and directory of collections

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As a periodic assessment of the mammal collection resource, the Systematic Collections Committee (SCC) of the American Society of Mammalogists undertakes decadal surveys of the collections held in the Western Hemisphere. The SCC surveyed 429 collections and compiled a directory of 395 active collections containing 5,275,155 catalogued specimens. Over the past decade, 43 collections have been lost or transferred and 38 new or unsurveyed collections were added. Growth in number of total specimens, expansion of genomic resource collections, and substantial gains in digitization and web accessibility were documented, as well as slight shifts in proportional representation of taxonomic groups owing to increasingly balanced geographic representation of collections relative to previous surveys. While we find the overall health of Western Hemisphere collections to be adequate in some areas, gaps in spatial and temporal coverage and clear threats to long-term growth and vitality of these resources have also been identified. Major expansion of the collective mammal collection resource along with a recommitment to appropriate levels of funding will be required to meet the challenges ahead for mammalogists and other users, and to ensure samples are broad and varied enough that unanticipated future needs can be powerfully addressed.

Aproximadamente cada 10 años, el Comité de Colecciones Sistemáticas (CCS) de la Sociedad Americana de Mastozoología, evalúa el estado de las colecciones mastozoológicas del hemisferio occidental. En el último censo, el CCS encuestó un total de 429 colecciones y compiló un directorio de 395 colecciones activas que contenían 5,275,155 especímenes catalogados. En comparación con el censo previo, durante la última década 43 colecciones se han cerrado o han sido absorbidas, pero se agregaron al censo 38 nuevas colecciones. Se documentó un incremento en el número total de especímenes, la expansión de la disponibilidad de colecciones

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de recursos genómicos, además de avances substanciales en digitalización y accesibilidad a la web. También, se detectaron cambios en las proporciones de grupos taxonómicos debido a la representación geográfica cada vez más equilibrada de las colecciones en comparación con encuestas anteriores. Si bien consideramos que las colecciones del hemisferio occidental están en buen estado en algunas áreas, también identificamos brechas claras en la cobertura espacial y temporal, así como amenazas al crecimiento y vitalidad de estos recursos a largo plazo. Un crecimiento substancial, acompañado de compromisos de adecuado financiamiento, serán necesarios para asegurar que las colecciones incluyan muestras lo suficientemente amplias y variadas como para permitir a mastozoólogos y otros científicos abordar las necesidades, muchas de ellas imprevistas, que traerá el futuro.

Key words: biodiversity, biorepository, collection management, database, genetic resources, infrastructure, museum, natural history collections, specimen, voucher

Natural history collections and collections-based science have played an essential role in many of the major revolutions in science (Funk 2018). This deep association between collections and natural sciences dates to the earliest period of collecting and classifying nature and continues to this day, as collections contribute to research across an array of critical disciplines including biodiversity studies, emerging diseases, biological invasions, environmental contaminants, and global climate change (Suarez and Tsutsui 2004). In mammalogy specifically, collections represent essential infrastructure for research, training, and education that continue to play vital roles in long-established fields (systematics, taxonomy, and natural history) while also contributing to new research areas (e.g., genomics, stable isotopes, pathogen discovery). Looking into the future, it is easy to visualize collections as a physical nexus for environmental informatics and big data synthesis (McLean et al. 2016; Funk 2018; Cook and Light in press). However, achieving this goal will depend on whether or not current collections remain adequately positioned in terms of taxonomic, temporal, and spatial coverage to address new questions in a period of unprecedented environmental change (Malaney and Cook 2018). As stewards and builders of these invaluable resources, mammalogists must critically evaluate specimen holdings, their accessibility, and the overall health of the infrastructure to direct growth and develop plans to meet future challenges. With these aims in mind, over the course of its history, the American Society of Mammalogists (ASM) has undertaken periodic evaluations of the mammal collections held in the Western Hemisphere.

History of collection surveys.—In April 1922, just 3 years after the formation of the ASM, A. Brazier Howell (1923) completed the first survey of mammal collections of North America. His stated purpose was to make known the available sources of specimens as study materials, but additionally to stimulate the “interest of the small collector, the beginner and the amateur” (Howell 1923:113–114). At that time, over one-half of the 77 reported collections were private and the total specimens reported was 410,239. Only 9 collections (2 public, 7 private) were reported from Canada and none from Mexico.

About 20 years later, the second survey, completed in 1943 (Doutt et al. 1945), reported almost 4 times the number of collections (297) and more than twice the specimen holdings (861,569) of Howell (1923). Large numbers of private collections were still reported (113) but these had dropped to 38% of the total, likely reflecting increased public interest and support

for collections among North American biologists. The number of Canadian collections had grown to 23, but there were still no collections reported from Mexico.

The third survey documented collection information through 1962 (Anderson et al. 1963). Although the authors stated that the purposes for previous surveys were relevant to the 1962 survey, they also considered these periodic surveys an important practice for tracking the history of North American mammalogy at large. Their survey increased the number of collections to 307 with a total number of specimens reaching approximately 1,586,000. A declining trend in the number of personal collections (43) continued, with 53% fewer than in 1943. For the first time, 2 Latin American collections (1 in Mexico and 1 in Costa Rica) were included.

The fourth survey was completed in December of 1973, marking a 10-year interval rather than the previous 20-year survey intervals (Choate and Genoways 1975). That survey was partially funded through the National Science Foundation (NSF) and aimed to assess resources for mammalian systematics in particular. The number of collections surveyed was 388, and the total number of specimens stood at 2,542,000. Rates of collection growth increased markedly relative to previous surveys. The number of private collections (36) again declined relative to earlier surveys. The Systematic Collections Committee (SCC) was formally established by the ASM in 1972, and the committee first played a role in this 1973 survey. From that point on, the responsibility of the periodic survey of mammal collections of North America fell to members of that committee.

The fifth ASM survey of North American collections was undertaken in 1983 and published as a supplement to the *Journal of Mammalogy* (Yates et al. 1987). That survey reported 474 North American collections, with a cumulative total of 3,139,000 specimens. Notably, 33.7% of those collections were already using computers for curatorial or management functions. Yates et al. (1987) also emphasized collections infrastructure in terms of specimen care, including the number of collections reporting protection from fire, humidity, water, pests, and other environmental risks to mammal specimens. That survey also was the first to include a report of collections accredited by the ASM SCC (49) as meeting standards established for long-term maintenance of collection resources.

The sixth and most recent published survey of Western Hemisphere mammal collections (Hafner et al. 1997), included as a supplement to the *Journal of Mammalogy* and covering

collections status through 1996, expanded to survey collections throughout the Western Hemisphere and included 62 collections from Latin America and the Caribbean region and 23 from Canada. Combined with 306 collections in the United States, a total of 391 collections was included, an 18% reduction from the 474 collections reported by Yates et al. (1987). This decline was attributed, in part, to inclusion in the 1983 survey of many collections which did not respond and likely were no longer operating, thus resulting in an overestimation of active collections. Notably, private collections were essentially absent from the 1997 survey. Despite the dramatic decrease in overall number of collections, the total specimens reported for that survey increased to 4,194,305. The growing trend of computerized catalogues was evident in the 1996 survey, with one-half of the collections from Canada and the United States and 37% of Latin American collections digitized to some extent (Hafner et al. 1997).

The last survey completed by the ASM SCC was in 2007 under the direction of William Stanley and, although unpublished, was maintained as a spreadsheet available on the committee's page of the ASM website. Relative to the previous survey, collection numbers had more or less stabilized at 394 and the total number of specimens reached 4,502,000.

As the ASM approaches 100 years as a professional society, and in light of the conservation and research challenges in mammalogy worldwide, a renewed effort to describe and analyze trends in mammal specimen infrastructure and accessibility is timely. We report herein the status of systematic collections of mammals throughout the Western Hemisphere as of 2017, with special reference to temporal and geographic trends in collections growth, digitization, and global, web-based accessibility, and expansion into genetic resources for mammals. The present survey extends a tradition that dates back to the earliest years of the ASM and which, like past surveys, provides a framework for assessing the health and growth of collections resources so vital to the science of mammalogy.

PRESENT SURVEY

The primary objective of this survey was to update the comprehensive directory of the collections of Recent mammals in the Western Hemisphere, but doing so also provides an opportunity to analyze collections growth, maintenance, and accessibility. We therefore not only provide an overview of how natural history collections and associated data are being maintained, but also highlight the strengths and weaknesses of current holdings along temporal, geographic, and taxonomic axes, and evaluate new avenues of growth and digitization within existing collections.

The present survey is geographically focused on the Western Hemisphere; specifically, collections from North, Central, and South America and the Caribbean region. We note that surveys encompassing collections worldwide have been undertaken (Genoways and Schlitter 1981, 1985) and that expansion of this survey to a global directory was proposed (Hafner et al. 1997). We agree that this would be important for the mammalogical community, and suggest that expanding the survey to a global

scale will become more feasible as digitization of collection data grows and institutions increasingly provide viable database access via the internet. A web-based collection directory enabling collections to update their statistics and collection contact information as needed is in development. This document will be linked to the ASM SCC website and will facilitate future survey efforts as well as provide a more real-time assessment of the collection resource.

Contact list.—The unpublished 2007 survey of 398 collections served as the starting point for the current survey, but was expanded to include new collections and existing collections not previously reported. Collections were parsed to the SCC members for data collection, based primarily on regional affiliations and personal knowledge of committee members. The listed point of contact (usually a curator or collection manager) for each collection was contacted via e-mail with a request outlining the goals of the survey and requesting updated information to be deposited in a Microsoft Excel file (collections for which 2007 data were collected were sent this file for updating). Information request letters were provided in both English and Spanish as necessary. Future surveys should consider including a Portuguese version to facilitate information retrieval from Brazilian collections.

Survey metrics.—Collection contacts were asked to provide original or updated information in the following areas:

- Collection physical address
- Contact information (phone and e-mail) for curator and collection manager
- Number of catalogued mammal specimens
- Number of preserved tissues and tissue preservation type(s)
- Number of holotypes
- Geographic and taxonomic strengths
- State of digitization of specimen data and web accessibility of digitized data
- Incorporated collections
- Past ASM accreditation dates

As a supplement to questionnaire responses, which contained only coarse information on geographic and taxonomic strengths of collections, we also compiled and analyzed data from those collections with digitized and web-accessible specimen records. These data were gathered using institutional searches on GBIF and SpeciesLink (accessed March–June 2018), downloading all available records from each queried collection. Taxonomic holdings from these collections were summarized at the ordinal level, and ordinal taxonomy of specimens was updated as necessary. Geographic scope of collections was summarized at the country level, as not all digital specimen records contain geocoordinates. To provide perspective on representation of global mammal diversity contained in Western Hemisphere collections, the digital specimen records were summarized according to their country of collection. These data were then paired with information from the IUCN on species endemism within countries (IUCN 2017; accessed at <http://www.iucnredlist.org/about/summary-statistics>), allowing visualization of how effectively Western Hemisphere collections have targeted mammal diversity both locally and globally.

SURVEY RESULTS

Response.—Four hundred and twenty-nine collections were identified and we attempted to contact each. A large number of initial contacts were unanswered, presumably because many collection contacts had changed since the previous survey. In those cases, web searches were used to locate new contact information, and a second round of e-mail or phone queries was made. In some cases, up to 4 rounds of queries were necessary to successfully locate current contacts and obtain collection data.

Of the 429 collections we identified in our preliminary list, 395 were deemed to be active and are included in the current directory, while the remaining 34 were determined to be either defunct or incorporated into other existing collections. Of the active collections, 327 responded with updated collection and contact information while 68 did not respond. Of the nonresponders, 53 are updated with information contained in collection websites or publications, and 15 are reported based on information from previous surveys.

Collection and specimen growth.—The 395 collections of the Western Hemisphere covered in this survey currently archive a minimum of 5,275,155 catalogued specimens (Fig. 1; Table 1). The total number of active collections has remained between 390 and 395 over the past 20 years (Fig. 1). However, this perceived equilibrium actually masks an underlying state of flux, because we detected large numbers of collections as defunct or transferred, and many newly created or previously unsurveyed collections were added. Since the 2007 survey, 9 collections are missing and their dispositions unknown, 34 were fully or partially transferred to other collections, and 38 new or unsurveyed collections were added. Over the 2 decades since Hafner et al. (1997) published a list of defunct or transferred collections, 45 additional collections have closed or have been transferred (Supplementary Data SD1). A troubling statistic is that the majority of these (31) were university-based collections,

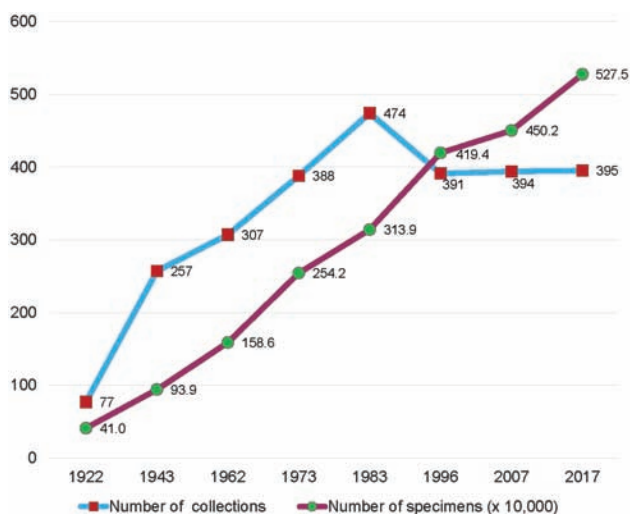


Fig. 1.—Historical trends in mammal collection growth (1922–2017). Total reported specimens from each of the previous collection surveys were taken from original publications.

indicative of a trend of decreasing institutional support for such resources within universities (Dalton 2003; Gropp 2003, 2004; Schmidly 2005). This is a significant problem for mammalogy, as fewer young mammalogists are exposed to museum specimens and their value and centrality in biological science (Cook and Light, in press). Other areas also have not been immune to contraction, as 7 federal or state agency collections were transferred or lost and private collections further declined in number since the last survey. Only a few privately held collections remain active and at least 2 prominent collections of this type (the Robert and Virginia Rausch and the E. Thomas Seton collections) were recently transferred to university-based collections. We view the incorporation of private collections into public collections as a positive trend as their accessibility and physical security are greatly increased.

More than 770,000 specimens were added to Western Hemisphere collections since the 2007 survey (77,000/year). Annual growth rates exhibited an overall downward trend over the past 50 years (90,000/year [1963–1973]; 60,000/year [1973–1983]; 56,000/year [1983–1995]; 31,000/year [1997–2007]—Choate and Genoways 1975; Hafner et al. 1997; ASM SCC 2007), a trend consistent with the findings of Malaney and Cook (2018) for the United States specifically. The higher growth rate over the most recent decade reflected in our survey includes approximately 150,000 specimens (20% of total growth) reported by 38 collections not previously surveyed, and thus does not entirely represent new material collected over the last decade. The specimen growth we recorded also was not evenly distributed across collections. About 58% of the overall growth since 2007 was in the 20 largest collections (those with > 50,000 specimens), which added 449,823 specimens (ca. 45,000/year). The remaining 337 collections accounted for 22% of the decadal growth. Therefore, growth trends across decades (Table 1) should be viewed with some caution due to variation in reporting methods, inclusion of uncatalogued specimens in some reports, and the inherent issues concerning precision of data related to surveys.

Geographic distribution of collections.—The 395 collections contained in this report are geographically distributed throughout North, Central, and South America and the Caribbean (Fig. 2). Twenty-one of 35 Western Hemisphere countries have at least 1 collection included in the survey and all 50 US states and Puerto Rico are represented (Fig. 3). Western Hemisphere countries not represented in the survey were predominantly from the Caribbean.

Approximately three-quarters of collections are located in the United States and Canada, and the remainder are in Mexico, Central, and South America and the Caribbean (Fig. 4). In the 2007 survey, 325 (82%) of the collections were located in the United States or Canada and 73 (18%) were in Latin American countries. Currently, 294 collections (75%) are in the United States or Canada and 101 (25%) in Latin American or Caribbean countries. Potential reporting differences notwithstanding, this represents an overall reduction in the number of collections in the United States and Canada and an increase in Latin America and the Caribbean. Growth in Latin American natural history

Table 1.—Holdings summary of the mammal collections of the Western Hemisphere.

Year	Number of collections surveyed	Number of specimens	Number of collections with tissues	Number of specimens with tissues	Number of holotypes
1922	77	410,000	0	0	NA
1943 ^a	257	939,000	0	0	NA
1962	307	1,586,000	0	0	NA
1973	388	2,542,000 ^b	0	0	5,726
1983	474	3,138,690 ^c	6	21,300	6,208
1996	391	4,194,305 ^d	35	473,614 ^e	6,625
2007	394	4,502,294	74	426,436	6,456 ^f
2017	395	5,275,155	114	767,250	6,908

^aPrevious surveys incorrectly listed 1943 values as 959,000 specimens (Yates et al. 1987) and 297 collections (Hafner et al. 1997).

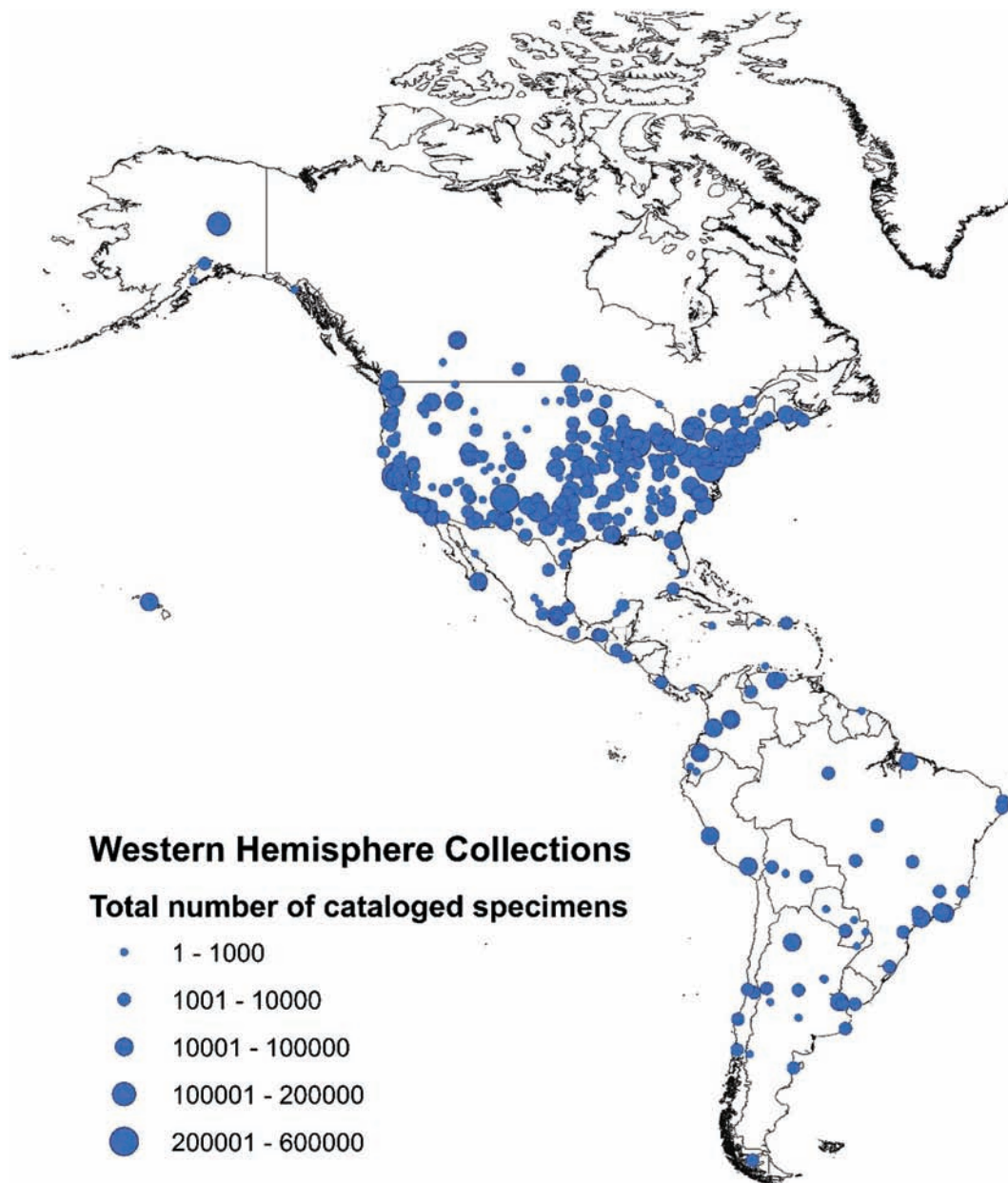
^bIncludes 100,000 uncatalogued specimens and 68,000 unreported from 1963 survey.

^cIncludes 147,662 uncatalogued specimens and 154,494 unreported from 1973 survey.

^dIncludes 264,327 uncatalogued specimens.

^eValue inflated based on some collections reporting cryovials as opposed to individuals.

^fValue underreported due to lack of responses in unpublished 2007 survey.

**Fig. 2.**—Geographic distribution of mammal collections of the Western Hemisphere.

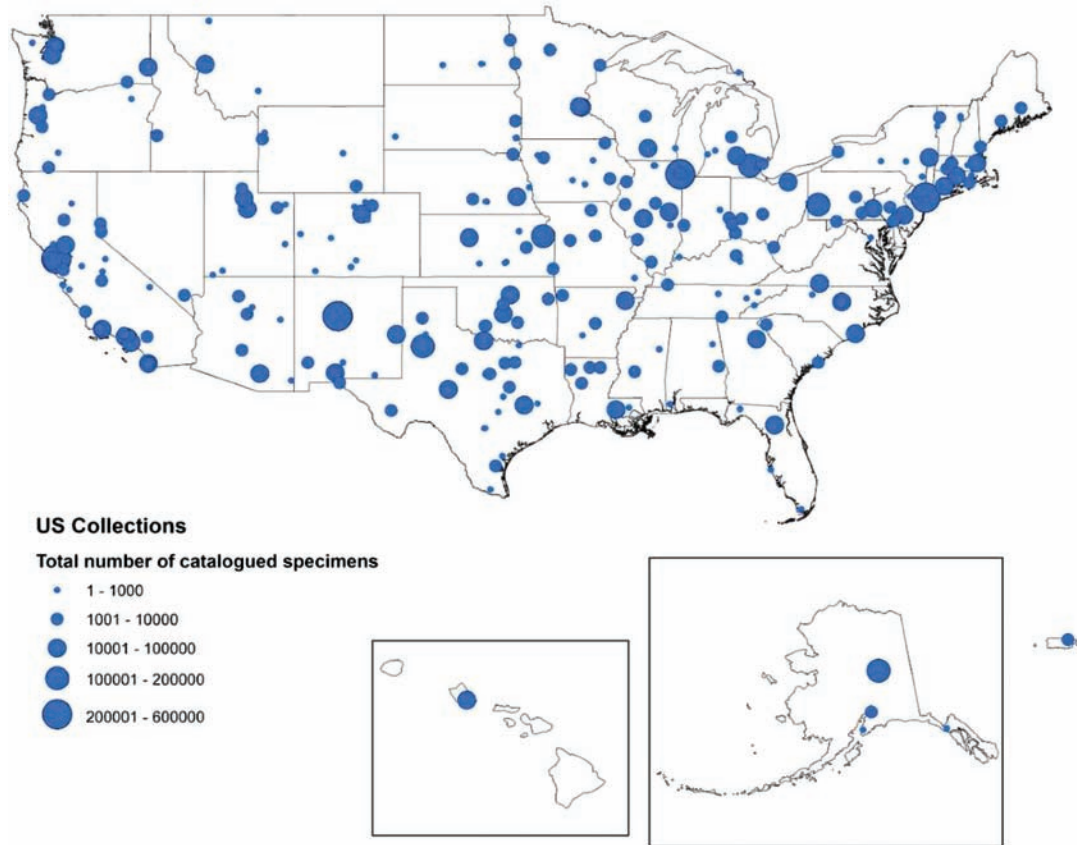


Fig. 3.—Geographic distribution of mammal collections within the United States.

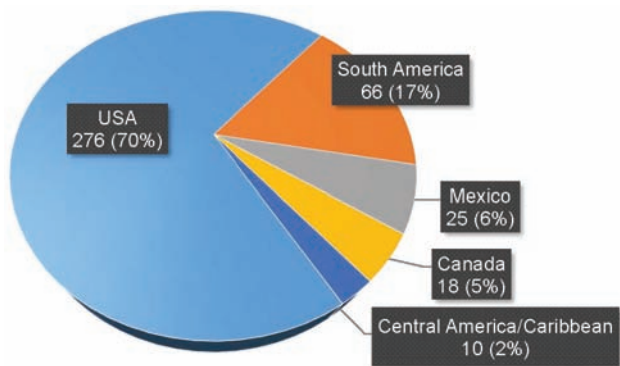


Fig. 4.—Number and percentage of collections by geographic region in 2017.

collection infrastructure is an encouraging trend as these biodiverse areas are experiencing rapid human development and conversion of mammalian habitat, leading to a critical need for fundamental discovery, documentation, and monitoring of biodiversity, and associated environmental research.

Size of existing collections.—The sizes of Western Hemisphere collections are heavily skewed toward smaller collections (Fig. 5), with 79% containing 10,000 or fewer specimens. Across surveys, there has been a steady increase in mid- to large-sized (> 10,000 specimens) collections. Eighty-four collections (21% of the total) currently have holdings exceeding 10,000 specimens, with 75 (19%) reported in 2007

by ASM SCC, 58 (15%) listed by Hafner et al. (1997), and 51 (11%) reported by Yates et al. (1987).

The 64 mid-sized collections (10,000–50,000 specimens) are about 16% of the total collections; thus, combined with the small collections, 95% of all Western Hemisphere collections are < 50,000 specimens. The other 5% of collections is composed of the 20 largest collections (Table 2), including 17 US, 2 Canadian, and 1 Brazilian collection. Those collections range in size from 56,000 to 600,000 specimens and contain 59% of all specimens in Western Hemisphere collections (Fig. 6). This percentage is slightly down from 1997, when the largest 20 collections held 61% of all specimens.

Holotypes.—There are at least 6,908 mammal holotypes held in 77 Western Hemisphere collections. This represents an increase of 283 since the 1996 total of 6,625 (Hafner et al. 1997) and can be partly attributed to the ongoing description of new mammalian species (Burgin et al. 2018) as well as inclusion of holotypes contained in previously unsurveyed collections. The 20 largest collections hold 88% (6,085) of holotypes (Table 2), down slightly from the 90% reported by Hafner et al. (1997).

Mammal collections and their archives of frozen tissues are increasingly used for screening and discovery of a diverse array of parasites and zoonotic pathogens. This has led to a large increase in deposition of type host specimens or “symbiotypes” (Frey et al. 1992) in some collections (MSB, TTU, MVZ, FMNH). We anticipate more collections will begin serving as biorepositories for pathogen research and symbiotypes will increase growth in type specimens. Mammal collections

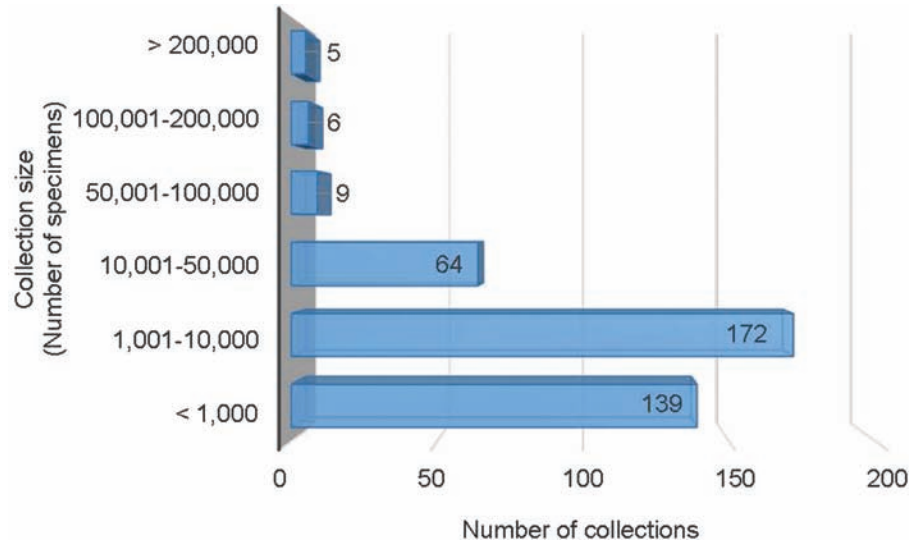


Fig. 5.—Size distribution of collections of the Western Hemisphere in 2017.

not only have the specimens and samples required for research, but also possess the rigorous archival and database standards that ensure best practices in pathogen discovery, designation and deposition of host symbiotypes, and robust linkages between host specimens, their pathogens, genetic sequences, and any other derived data (Dunnum et al. 2017).

Genomic resources.—At least 114 Western Hemisphere collections currently maintain frozen or ethanol-preserved tissue collections from over 767,000 mammal specimens (Fig. 7; Table 1). Since the development of the first tissue collections in the late 1970s and their initial inclusion in the ASM SCC surveys (Yates et al. 1987), between 30 and 40 new tissue collections have been added during each survey period (Fig. 7). The majority of tissue collections have relatively small holdings, with over 52% (60) containing < 1,000 specimens and 88% (102) containing < 10,000 specimens. Only 12 collections currently have tissue holdings in excess of 10,000 specimens (Table 3), and most of these larger tissue collections are in US institutions, although 2 are Latin American and 1 is a Canadian collection. Overall collection size does not strongly correlate with tissue collection size; only 8 of the top 20 collections are also represented in the largest tissue collections (Table 3). While 18 of the 20 largest mammal collections now have associated tissue collections, many only recently began to develop this resource and have minimal tissue holdings (Table 2).

Growth of tissue collections specifically in terms of numbers of catalogued individuals has proven more difficult to track because of variation in reporting methods. Some collections have reported number of individuals with tissues, others have reported gross numbers of cryovials containing tissues, and others may have simply reported estimates due to storage in freezers and insufficient object tracking software for tissue collections. Due to these issues, the apparent drop in number of tissue specimens for 2007 (Fig. 7) is likely not the result of a loss of specimens but overreporting in Hafner et al. (1997). We recommend that both metrics (number of catalogued individuals represented, total estimated number of cryovials) be collected in future surveys.

Genetic resources have become a fundamental and central element of natural history collections that have expanded the value and usefulness of traditional scientific specimens to include genetic analyses (Zimkus and Ford 2014). Collection of tissue should now be standard operating procedures for all mammal collections. Resources and physical infrastructure vary greatly among institutions across the Western Hemisphere and this has played a large role in determining the types of tissue collections an institution possesses. Current collections range from ethanol-preserved samples at ambient temperatures, to those frozen in various systems and temperatures (-20°C deep freezer, -80°C ultracold freezer, -196°C vapor-phase N_2).

For many collections, tissue loans now represent the majority of outgoing loans (McLean et al. 2016) and many requests are now from research areas not previously served. As new questions and technologies arise, the limiting resource often will be availability of quality samples with associated temporal and spatial data. An encouraging development is the enhanced DNA extraction and high-throughput next generation sequencing techniques that are now allowing successful utilization of a variety of historic dry and fixed specimens for genome level molecular research (e.g., Rowe et al. 2011; Burrell et al. 2015; Hykin et al. 2015; McDonough et al. 2018). This extremely positive advance points to the increasing value of museum specimens through time, and will certainly increase use of specimens in the future. However, high-quality tissue, when available, remains the gold standard for many current research areas (e.g., transcriptomics, pathogen discovery). Natural history collections are already leaders in traditional specimen and data archiving infrastructure. In the future, curators and collection managers need to enhance our capabilities as major tissue biorepositories capable of not only addressing traditional questions but also imminent issues concerning emerging zoonotic diseases, human health, and environmental change (Dunnum et al. 2017). Because collections provide the physical infrastructure, knowledgeable personnel, and protocols necessary to carefully curate specimen vouchers and their associated molecular vouchers (e.g., DNA,

Table 2.—Specimen holdings of the 20 largest mammal collections in the Western Hemisphere. All the top 20 collections are electronically databased in some format, most are available via web-accessible data portals (e.g., VertNet, GBIF, SpeciesLink).

Collection	Specimens				Annual growth ^a	Specimens with tissue	Holotypes	Accredited
	2017	2007	1995	1975				
1. United States National Museum of Natural History (USNM)	600,000	590,000	585,000	475,000	1,000/year	20,000	3198	1975, 1977, 1979
2. University of New Mexico, Museum of Southwestern Biology (MSB)	302,000	146,000	116,000	35,000	15,600/year	173,000	21 ^b	1975, 1987, 2008
3. American Museum of Natural History (AMNH)	290,333	277,480	277,480	240,000	1,285/year	2,864	1107	1975, 1978
4. University of California, Berkeley, Museum of Vertebrate Zoology (MVZ)	235,301	215,540	187,500	144,000	1,976/year	36,000	364	1975
5. The Field Museum of Natural History (FMNH)	226,074	192,101	156,400	110,000	3,397/year	72,111	520	1975, 1983
6. University of Kansas, Natural History Museum and Biodiversity Research Center (KU)	171,626	162,000	156,000	132,000	963/year	6,900	140	1975, 1987
7. Collection of Recent Mammals, Museum of Texas Tech University (TTU)	138,689	100,592	70,000	23,000	3,809/year	100,000	23	1975, 1983, 2017
8. University of Alaska Museum (UAM)	133,657	96,000	38,000	13,000	3,766/year	73,497	1	1975, 1983, 2009
7. University of Michigan Museum of Zoology (UMMZ)	128,075	126,440	138,517 ^c	111,800	164/year	7,289	127	1975, 1987
10. Royal Ontario Museum (ROM)	125,000	110,000	100,000	68,360	1,500/year	23,000	27	1975, 1995
11. Carnegie Museum of Natural History (CM)	120,361	118,500	113,994/	55,000	1,861/year	14,000	45	1975, 1984
12. Universidade Federal do Rio de Janeiro, Museu Nacional (MN)	100,000	90,000	90,000	90,000	1,000/year	0	72	
13. Natural History Museum of Los Angeles County (LACM)	98,800	98,000	97,000	43,000	80/year	4,000	22	1978
14. Harvard University, Museum of Comparative Zoology (MCZ)	89,000	85,917	72,000	69,000	308/year	3,500	327	1975
15. University of Oklahoma, Sam Noble Oklahoma Museum of Natural History (SNOMNH)	67,000	40,000	32,000	11,000	2,700/year	7,500	1	1975, 1982, 2009
16. Washington State University, Charles R. Conner Museum (CRCM)	65,000	39,000	32,500	3,781	2,600/year	600	0	1977
17. Biodiversity Research and Teaching Collection (formerly Texas Cooperative Wildlife Collection; TCWC)	64,500	59,000	56,500	27,000	550/year	6,554	30	1975, 1984
18. Georgia Museum of Natural History (GMNH)	60,000	27,100	18,083	3,002	3,290/year	500	0	1985
19. University of Washington, Thomas Burke Memorial Washington State Museum (UWBM)	57,000	52,000	40,000	7,400	500/year	9,000	2	1975
20. Canadian Museum of Nature (formerly National Museum of Natural Sciences; CMN)	56,077	53,000	53,000	42,500	308/year	0	58	1975, 1987

^aGrowth is average annual increase over the past decade (2007–2017).

^bIncludes 179 parasite symbiotypes and 35 viral symbiotypes.

^cTotal included approximately 15,000 uncatalogued specimens.

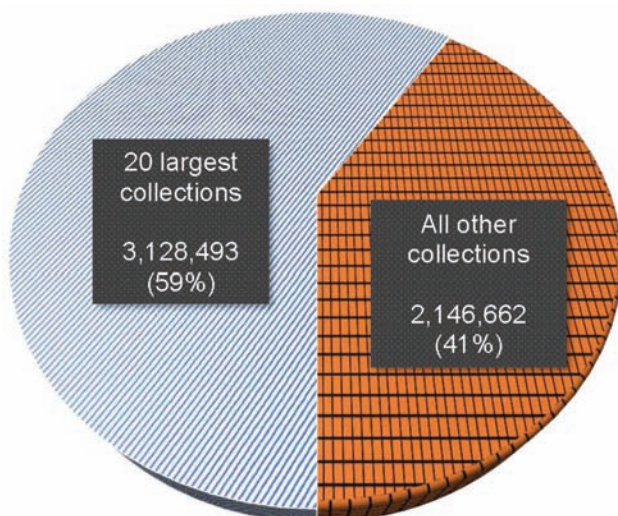


Fig. 6.—Percentage of specimens contained in the 20 largest collections in the Western Hemisphere.

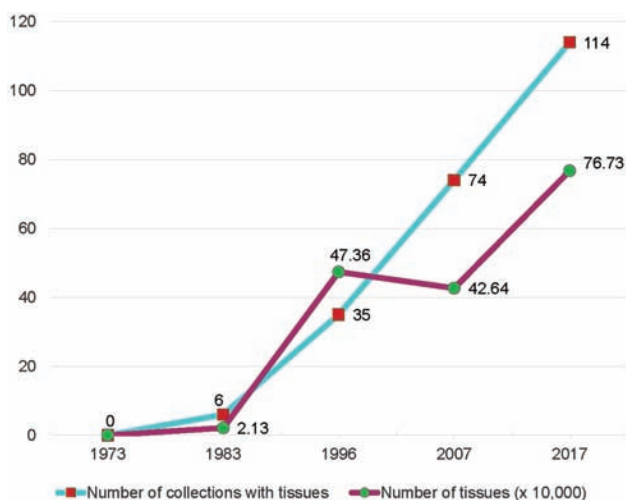


Fig. 7.—Historical trends in genomic resource collection growth (1975–2017).

tissue), they are ideal places to establish and build large-scale biorepositories (Astrin et al. 2013).

In light of the recent expansion of genomic resource collections, the ASM SCC has developed a set of standards and best practices for mammalian genomic resources collections and instituted a separate accreditation program for these types of collections (Phillips et al. in press). Collections archiving tissues should meet best practices and maintain cryopreservation at the coldest temperature possible, as that is the most effective method for the long-term stabilization of genetic samples (Zimkus and Ford 2014). Because molecular-based research and especially that requiring high-grade tissue (e.g., transcripts, RNA viruses) increases, storage at -190°C in vapor-phase nitrogen is the gold standard (Phillips et al. in press).

Digitization.—Over the past 2 decades, digitization of collections has been a major initiative within the natural history collection community, with NSF-funded programs in particular (e.g., MaNIS, VertNet, iDigBio) facilitating many digitization

projects. In 2007, approximately 36% of collections and 77% of specimens were digitized in at least some form (Fig. 8). Since that survey, an additional 100 collections have been digitized, resulting in 62% of collections and 94% of specimens being digitized in some format. While a substantial number of collections remain undigitized, these are predominantly smaller collections, and only account for 6% of all specimens (Fig. 8). However, these smaller collections typically document regional and local faunas that may not be represented in larger, digitized collections. Thus, despite their relatively low numbers of specimens, these collections could add great value to the overall resource if digitized and made available to the global research community. Digitization would also allow the status of smaller collections to be monitored more efficiently (e.g., in SCC surveys). Indeed, accurate data on smaller collections will be critical given that these comprise the majority of Western Hemisphere collections and in view of existing data deficiencies and rates of collection transfers that we observed for these types of collections.

Currently, about 73% of digitized specimen data is accessible via an online aggregator (Fig. 9). Thus, of the total digitized data (94%; Fig. 8), approximately 21% would simply need standardization and formatting and could likely be uploaded to an aggregator with minimal effort. This simple step would greatly enhance those collections' impact and contribution to the overall specimen resource.

Although initial digitization is a critical first step in enhancing access to, and redundancy of, collection data, the most significant gains in accessibility and research usage come through data standardization (e.g., with use of Darwin Core terms), precise georeferencing of localities, and especially web accessibility of the data through searchable, relational databases (e.g., Arctos.db, specifysoftware.org). Distribution of these databases to larger data aggregators (e.g., VertNet, GBIF, SpeciesLink) is also key, and should be accompanied by direct links to specimen records and the various data already derived from them (e.g., GenBank, Isobank, Morphobank). Once standardized and accessible, researchers, students, educators, and the general public alike can easily investigate mammalian biology and biogeography through a host of applications and web-based tools (e.g., Google Earth, BerkeleyMapper, Map of Life, Tree of Life, Encyclopedia of Life). Many new initiatives are integrating digitized museum data and specimen-based research directly into education (Cook et al. 2014, 2016c; Lacey et al. 2017). These new uses of collections and associated data can be instrumental in training the next generation of specimen-based mammalogists as well as engaging teachers, students, and the public to help address scientific questions and societal issues such as climate change, biodiversity loss, and emerging pathogens (Cook et al. 2016c). Additionally, digitization allows a collection to provide efficient and accurate documentation of use and research impact to administrators or funding agencies. An effective mechanism for tracking research impact is the creation of a Google Scholar profile for studies involving use of a collection's specimens (Winker and Withrow 2013; Cook and Light, in press).

Taxonomic and geographic holdings.—Seventy-nine mammal collections (20% of all collections) reporting 3,691,406 specimen records (70% of all estimated specimens) were located in GBIF and SpeciesLink searches. That figure is comparable to, but slightly lower than, the number of specimen records reported to be web-accessible in our survey results (i.e., 73%). To use aggregated data as a broad proxy for the taxonomic and geographic scope of specimens contained in Western Hemisphere collections (i.e., in this and future surveys), it is necessary to ensure that major sampling biases do

not exist. Because our analysis is limited to the level of mammalian orders, as well as to broad geographic regions above the level of individual countries, we believe taxonomic and geographic biases should be limited. It is more difficult to determine the taxonomic and geographic distribution of the 30% of specimens not available via GBIF and SpeciesLink. Based on physical locations of the unavailable collections, about one-third are from collections in Latin America and the Caribbean and two-thirds from US and Canadian collections. Under the assumption that specimen localities are, for the most part, from

Table 3.—Western Hemisphere mammal collections containing tissue holdings of over 10,000 specimens.

Collection	Tissue specimens	Accredited
1. University of New Mexico, Museum of Southwestern Biology (MSB)	173,000	1975, 1987, 2008
2. Collection of Recent Mammals, Museum of Texas Tech University (TTU)	100,000	1975, 1983, 2017
3. University of Alaska Museum (UAM)	73,497	1975, 1983, 2010
4. The Field Museum of Natural History (FMNH)	72,111	1975, 1983
5. University of California, Berkeley, Museum of Vertebrate Zoology (MVZ)	36,000	1975
6. Centro de Investigaciones Biológicas del Noroeste (CIB)	24,000	1999
7. Royal Ontario Museum (ROM)	23,000	1975, 1995
8. United States National Museum of Natural History (USNM)	20,000	1975, 1977, 1979
9. Angelo State Natural History Collection (ASNHC)	14,000	1992
10. Carnegie Museum of Natural History (CM)	14,000	1975, 1984
11. Pontificia Universidad Católica del Ecuador, Museo de Zoología-División Mamíferos (QZAC)	12,800	2011
12. University of Vermont, Zaddock Thompson Natural History Collections (ZTNH)	12,000	NA

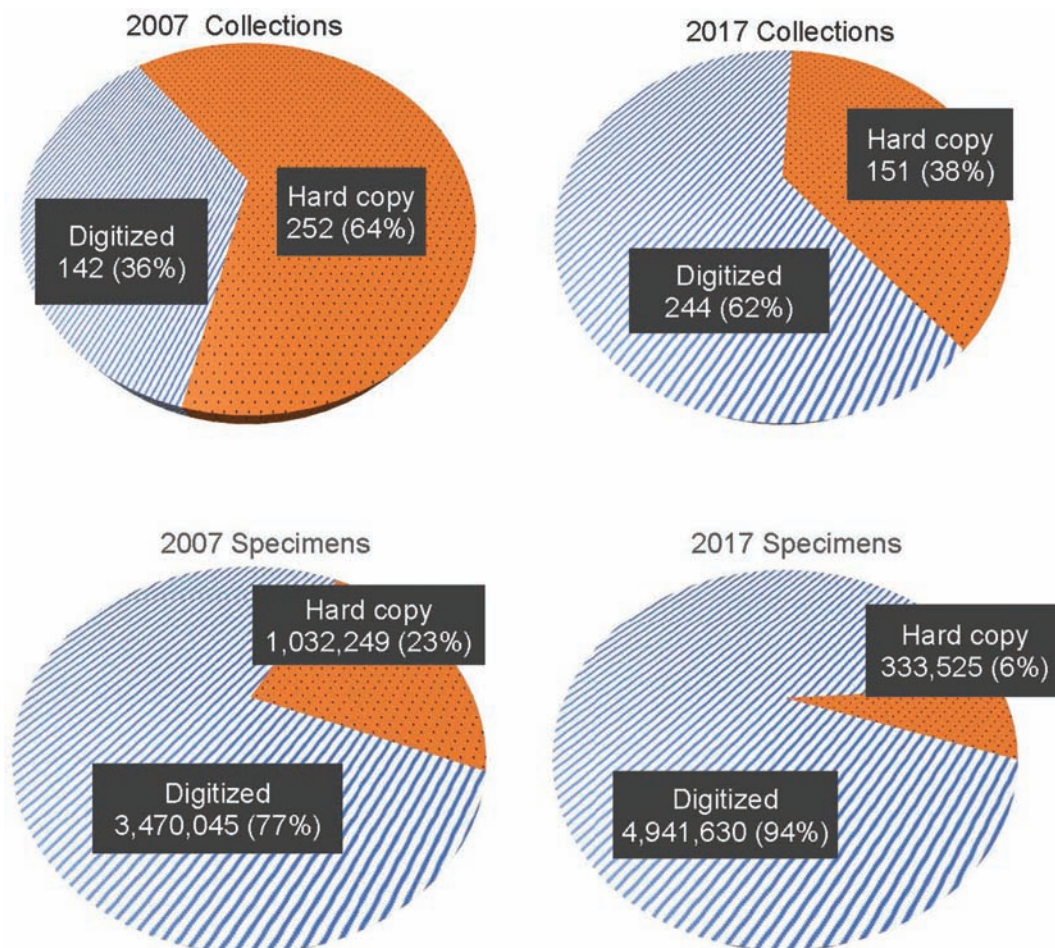


Fig. 8.—Growth of digitized collections and specimen data in collections of the Western Hemisphere (2007–2017).

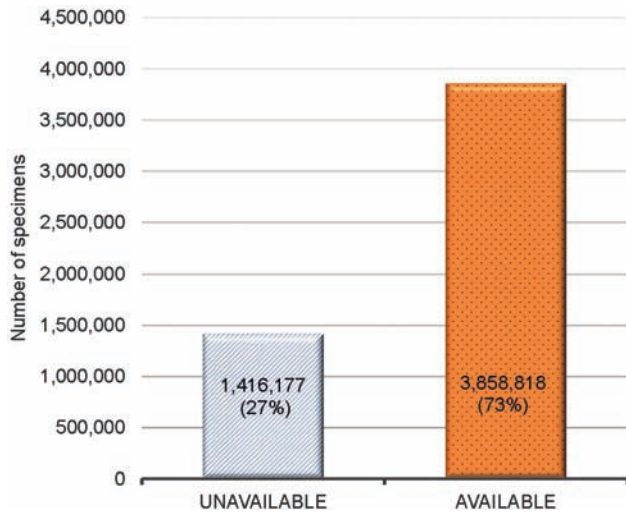


Fig. 9.—Percentage of specimen records digitized and available through online data aggregators (e.g., VertNet, GBIF, SpeciesLink).

the country in which the collection is based, approximately 531,000 specimens held in Latin American and Caribbean collections and 911,000 in Canadian and US collections are missing from our analyses. Because these percentages are not drastically different than total collection representation, we do not think our analyses based on available data should be heavily biased.

Taxonomic summary.—Taxonomic representation of the digitized specimen data roughly reflects the species diversity of mammalian orders in the Western Hemisphere at large. Rodentia is by far the most highly represented order (60% of all specimens), followed by Chiroptera, Carnivora, and Eulipotyphla. The orders Artiodactyla and Lagomorpha make up an additional 5% of specimens, while the remainder of mammalian orders comprise 3% of the total (Fig. 10). However, some smaller-bodied taxa (rodents, shrews, bats) are likely overrepresented in collections relative to their actual species diversity due to an easier ability to collect multiple specimens per species. For example, when compared to their proportion of extant mammalian species diversity (~40%—Burgin et al. 2018), rodents are significantly overrepresented (60%) and most other orders are underrepresented, a pattern seen specifically in US specimens as well (Malaney and Cook 2018).

The identities of the 6 most common mammalian orders are similar between the present survey and the last published survey (Hafner et al. 1997), notwithstanding recent taxonomic rearrangements that include abandonment of Insectivora and inclusion of cetaceans within Artiodactyla. Even when considering the potential for sampling biases in our data, important differences in relative representation of the various taxa exist between surveys; there is a substantial increase in the percentage of rodents and bats, and a corresponding decrease in carnivorans, artiodactyls, and lagomorphs. Chiropterans have replaced carnivorans in our survey as the second-most abundant group in collections. These changes in taxonomic proportions likely reflect the addition of regional Neotropical collections that tend to contain proportionally larger numbers of bat and rodent species (and potentially numbers of specimens as well).

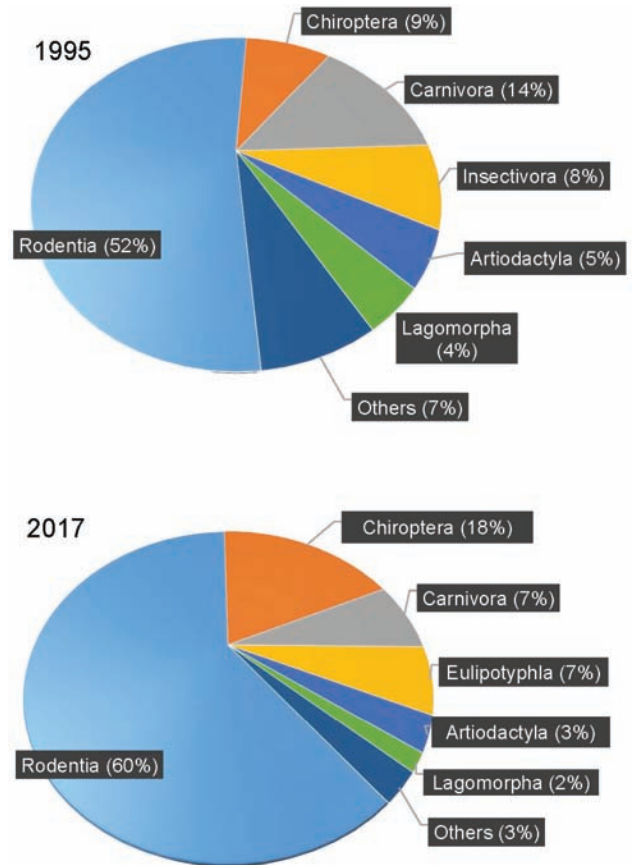


Fig. 10.—Taxonomic breakdown of specimens held in mammal collections of the Western Hemisphere in 1995 (Hafner et al. 1997) and 2017 (this study).

Geographic summary.—Mammal collections of the Western Hemisphere currently contain specimens from at least 238 countries, country subdivisions, or territories distributed across the globe. In the 1997 survey, 83% of specimens were from localities within the United States, 8% from Canada, 3% from Central and South America combined, 2% from Mexico, and the remaining 5% from all other countries (Hafner et al. 1997; Fig. 11). Material from the United States now accounts for just over one-half of the total, with a quarter now from Latin American countries, and over 16% from non-Western Hemisphere countries or territories (Fig. 11). Even taking into consideration the larger number of undigitized North American than Latin American specimens, there is a clear movement toward a more even geographic distribution of specimens. This is likely a result of many more Latin American collections being included in the current survey, as well as a decrease in collecting within the United States (Malaney and Cook 2018).

ASM accreditation.—A set of basic curatorial standards (Supplementary Data SD2) was established by the ASM SCC to provide minimum standards for the archiving, curation, and scientific accessibility of mammal collections and associated data. The accreditation process was developed to assist institutions with meeting these standards and to facilitate improvements and institutional support for their collections. Designation as an ASM accredited collection signifies adherence to curatorial

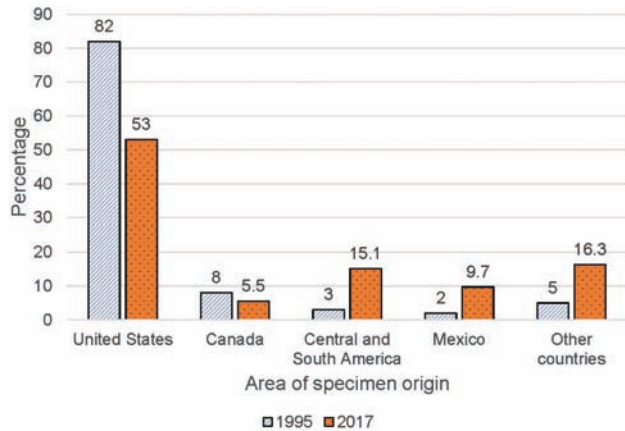


Fig. 11.—Geographic distribution of specimens held in mammal collections of the Western Hemisphere. Bars represent percentages of total specimens from each geographic region as of 1995 (Hafner et al. 1997; diagonal lined) and in the present survey (dotted).

best practices and a commitment to the long-term stewardship and accessibility of deposited specimens and data.

Eighty collections (69 from within the United States and 11 located in other countries) are currently ASM accredited (Supplementary Data SD3). The specimens held in these collections represent about 77% (4,051,735) of all specimens held in the Western Hemisphere. Although it is encouraging that this majority resides in accredited collections, a million additional specimens are held in over 300 unaccredited institutions, highlighting a critical need to engage small-to-medium-sized collections in accreditation discussions. Hafner et al. (1997) listed 65 accredited collections, and only 14 new collections have been accredited in the intervening 2 decades (in addition to 8 re-accreditations). Furthermore, substantial contraction has occurred over this period and 6 previously accredited collections (NMMNH, SUVM, TNHC, VPIMM, UIMNH, and UM) have been partially or fully transferred to other institutions (Supplementary Data SD1).

Given these trends, a concerted effort by the SCC and the ASM is warranted to increase the number of accredited collections. Hafner et al. (1997) discussed a new accreditation procedure, “Initial Accreditation,” designed to accelerate the pace at which Latin American collections could receive accreditation. This was to be accomplished through preliminary accreditation without requiring a site visit by an ASM SCC member. This endeavor has clearly fallen short of its goals because, despite the large increase in Latin American collections in our survey, only 5 have been accredited to date. To achieve highest standards in deposition and maintenance of specimens, we must work to increase the number of accredited collections both nationally and internationally. Renewed efforts by the ASM and SCC to accredit such collections will also play an important role in future survey efforts. Finally, engaging Latin American mammal societies and collections in the ASM accreditation process is a critical first step, but it may also be practical going forward to provide support for the establishment of their own accreditation processes.

Health of the resource.—Systematic collections of mammals in the Western Hemisphere remain an exceptional resource for

research on the ecology, evolution, and conservation of mammalian biodiversity. McLean et al. (2016) found that almost 25% of articles published in the *Journal of Mammalogy* from 2005 to 2015 used these collections in some way. As traditional specimen types are augmented with new materials (e.g., genomic resources, associated parasites, microbiomes), our concept of voucher specimens evolves (Kageyama et al. 2007), and as all of these materials are increasingly digitized and discoverable to the broader research community, their potential to contribute to biodiversity science and important societal questions related to our changing planet and human health increase significantly (Cook and Light, in press). Several caveats related to methodologies and available sampling notwithstanding, the present survey documents growth in the number of specimens, large increases in genomic resource collections and digitization and web accessibility, slight shifts in proportional representation of taxonomic groups, and increasing geographic balance relative to previous surveys.

Negative trends seen in previous surveys are also detected here, including a continued decline in rate of growth of the number of collections over the past 2 decades (Fig. 1) as a result of both a slowdown in origination of new collections and consolidation of existing collections. Although consolidation of collections is an attractive option for under-supported collections, the current climate of poor funding and waning institutional support also endangers valuable regional collections. This is a trend that is not likely to change, and thus the ASM as a whole and SCC specifically, must continue to monitor the community and help to identify threatened collections as well as the ability of larger collections to continue consolidating such collections.

Compounding the problem are issues related to maintaining the institutional relevance of mammal collections, such as increased difficulty in obtaining scientific collecting permits, IACUC constraints in training undergraduates in field collecting techniques, and a trend in hiring mammalogists to curate existing collections whose research programs are not explicitly specimen-based. To mitigate this chronic threat, curators and collection managers (with support from ASM) should be proactively educating university administrators about the long-term financial investments made in building and maintaining these resources (Bradley et al. 2012, 2014; Baker et al. 2014), as well as the potential of these research collections to help meet institutional scientific, educational, and outreach mandates (Cook and Light, in press).

When assessing how effectively Western Hemisphere collections have targeted global mammal diversity, we found that current holdings are lacking. We binned countries based on their numbers of endemic mammal species and found countries of highest mammalian endemism were the least-well sampled in Western Hemisphere collections (Fig. 12). Total numbers of specimens were not only extremely low but the majority of specimens were also from very early expeditions, with very few specimens having been collected over the past 40 years. Thus, we lack both spatial and temporal coverage in these biologically rich and heavily impacted areas. These findings, coupled with the reality that in many of these countries the natural history collections are among the most challenged globally (Astrin and Schubert 2017), leave a large gap in our ability to address

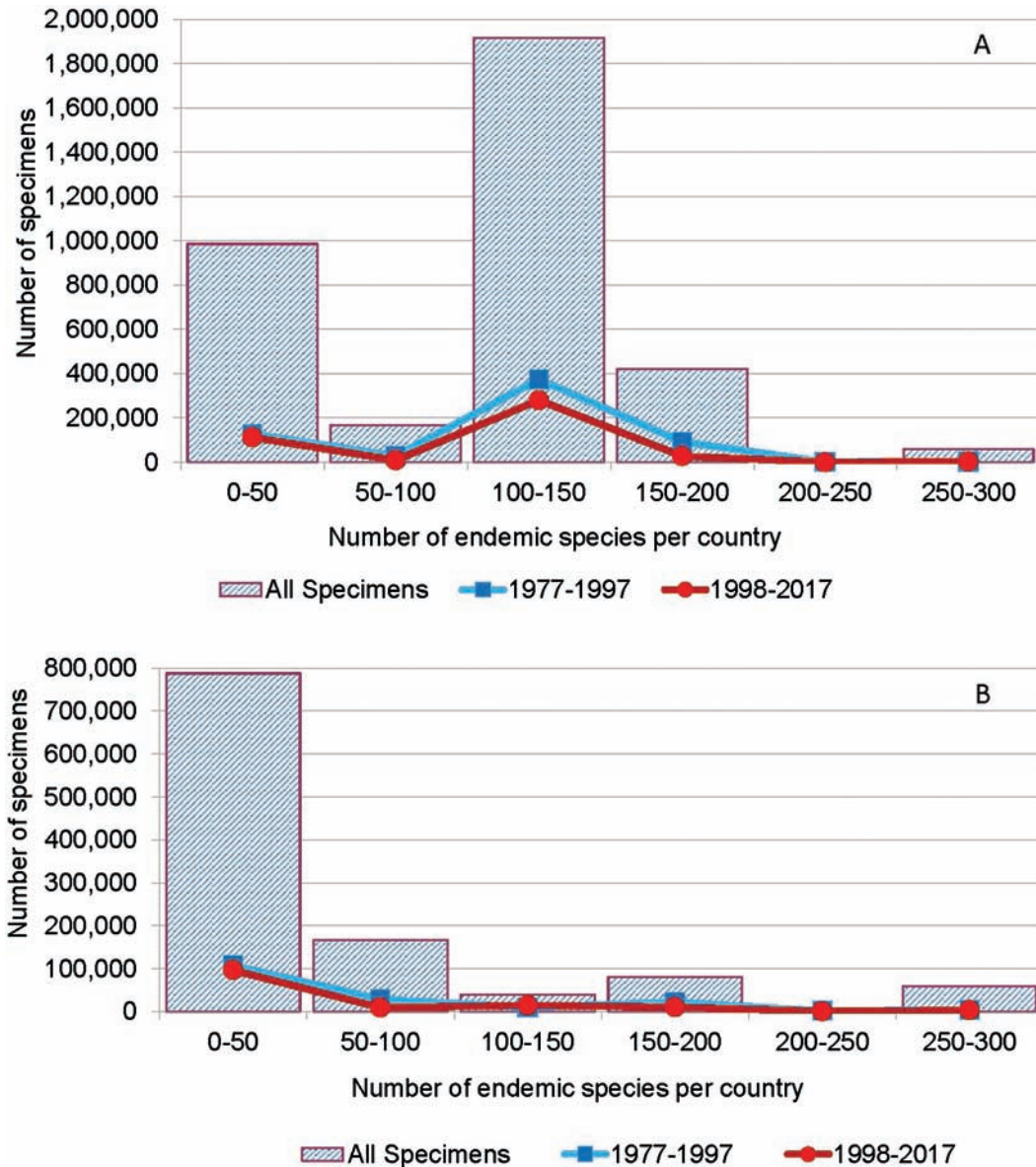


Fig. 12.—A) Numbers of specimens in Western Hemisphere mammal collections from countries of varying levels of mammalian species endemism. Countries are binned by their numbers of endemic mammalian species as summarized by the International Union for Conservation of Nature (IUCN 2017). Hatched bars represent total numbers of specimens in collections available from each endemism bin. Lines represent numbers of specimens collected specifically from 1977 to 1997 (squares) and from 1998 to 2017 (circles; i.e., since the last published survey of the ASM Committee on Systematic Collections—Hafner et al. 1997), and B) same data with the 3 most-represented countries removed (United States, Mexico, Canada).

questions in countries that contain the majority of our planet's biological diversity.

One of the greatest threats to the vitality of the collections resource is the decrease in specimen-collecting efforts overall (McLean et al. 2016; Hope et al. 2018), and within the United States specifically (Malaney and Cook 2018). The coarse and time-averaged metrics of collections growth used in our survey therefore belie a more precipitous decrease in specimen acquisition for some taxa and geographic areas. The masking of this trend can be partially attributed to inclusion of previously unreported collections to the survey and perhaps a shift to collecting in non-US locales as opposed to monitoring of

biodiversity within the United States. We see a pattern of relatively low specimen growth across the larger and historically active collections (Table 2) and note issues with decreased funding that not only impede growth, but threaten the sustainability of even our most prominent of collections, the Biological Survey Unit at the United States National Museum of Natural History (Sikes et al. 2018).

Despite these troubling trends, some clear opportunities for reversing the decline in US sampling exist, but these require, in part, engagement of nontraditional entities by museum professionals. State game and fish departments and federal agencies (e.g., USFWS, USDA) process, and subsequently dispose of,

tens of thousands of carnivorans and ungulates each year from hunting and control activities. Over half of the US state wildlife agencies do not require deposition of collected wildlife specimens in museum collections (McLean et al. 2016). Likewise, state public health departments and the Centers for Disease Control and Prevention collect many thousands of small mammals during routine monitoring or disease investigations both nationally and worldwide. These represent opportunities for adding already collected specimens and typically just require contact and partnership with these agencies.

A second critical component lies with federally funded long-term ecological monitoring programs (e.g., LTER sites [<https://lternet.edu/>], National Park Service surveys) that emphasize noninvasive sampling or mark-release work as opposed to specimen collection. An example is the recently initiated National Ecological Observatory Network (NEON; <http://www.neonscience.org/>). This network was established to create a nationwide (continental United States, Alaska, Hawaii, and Puerto Rico) web of environmental monitoring sites (Kao et al. 2012) to be sampled over the ensuing 30 years. This presented a unique opportunity to build high-quality collections of holistic mammal specimens (e.g., full vouchers, tissues, and associated parasites and pathogens—Cook et al. 2016a) from across the United States, spanning this critical period of environmental change. The collections community was involved in early discussions on the objectives and desired products of this project, but upon implementation, environmental monitoring trumped building robust specimen-based infrastructure. Mammal collecting is part of the NEON sampling protocol; however, current methods (primarily mark-recapture with minimal sampling of hair, blood, and DNA) result in either volumes that are too small for multiple uses or sample types that are inadequate to address the majority of specimen-based research questions. Protocols stressing a more rigorous, voucher-based sampling regime of the small mammal communities, and thus their associated parasite and pathogen communities, have been proposed and endorsed by mammalogists and parasitologists (Cook et al. 2016b). The mammal research community must continue to encourage funding agencies to require that sampling be conducted in a manner that ensures usefulness of specimens for a breadth of research questions (e.g., Suarez and Tsutsui 2004).

To conclude, while we find the overall health of Western Hemisphere collections to be adequate in some areas, such as large increases in mammalian tissue collections and significant gains in digitization and accessibility, threats to long-term growth and vitality of these resources also have been clearly identified and are likely to worsen before they improve. Significant expansion of the resource along with appropriate levels of funding will be required to meet the challenges ahead for mammalogists and other users (e.g., Morrison et al. 2017), and to ensure samples are broad and varied enough that unanticipated needs in the future can be addressed (Dunnum and Cook 2012; Schindel and Cook 2018). It is incumbent upon the entire community of mammalogists to think critically and creatively about the role collections will play in the future, and to work together to develop a vision for “Next Generation

Collections” (Schindel and Cook 2018) that are capable of advancing mammalogy and serving as a nexus for global environmental research and informatics.

Index and directory of the mammal collections of the Western Hemisphere.—As a supplement to this survey, we provide the updated index and directory of collections containing 395 accounts (Supplementary Data SD4) representing the most current information available when the collection provided its data. The SCC survey was initiated in 2014 and continued with additions through March 2018; thus, data for accounts range from 6 months to 4 years old at the time of this publication. For collections that did not respond to information requests, their data were updated when possible through website information or literature (Bezerra 2012; Lorenzo et al. 2012). When no updated information could be located, data from the most recent survey responded to were retained and the source noted in the “Survey data” section (e.g., Hafner et al. 1997; Yates et al. 1987). An alphabetical list of acronyms for the collections is included at the beginning of the directory. Accounts are arranged alphabetically by country, state or province, then collection name. Each account is comprised of the following data fields:

Collection Title (Collection Acronym)

Institution, address, City, State, zip code, Country

Contact: Name (e-mail address), phone

Additional contacts: Name (e-mail address), phone

Website: website url; **Data availability:** type of collection data catalog; data aggregator; **Holdings:** number of specimens; number of holotypes; **Tissues:** number of tissues and preservation type; **Taxonomic emphasis:** main focus or strength of holdings; **Geographic emphasis:** main geographic focus or strength; **Other incorporated collections:** names of other collections held; **Former acronyms:** previous acronyms used.

Survey data: source of survey data

ASM accreditation: date accredited by ASM

ACKNOWLEDGMENTS

We are grateful to the many curators, collection managers, students, and other points of contact at the collections included in this survey for providing updated information, but more importantly for their efforts in building, maintaining, and facilitating access to this vital scientific infrastructure. S. Liphardt created the collection location maps and J. Salazar-Bravo provided the Spanish translation of the abstract. Thanks to J. Cook for valuable insight and comments on this manuscript and an unyielding advocacy for collections. We thank M. Hafner and J. Light for thoughtful and thorough reviews that improved the manuscript. Funds allocated by ASM Board for publication.

SUPPLEMENTARY DATA

Supplementary data are available at *Journal of Mammalogy* online. **Supplementary Data SD1.**—Mammal collections closed or incorporated into other collections between 1997 and 2017.

Supplementary Data SD2.—Basic curatorial standards for systematic collections of mammals.

Supplementary Data SD3.—Mammal collections accredited by the American Society of Mammalogists.

Supplementary Data SD4.—Index and directory of the mammal collections of the Western Hemisphere.

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Submitted 31 August 2018. Accepted 7 November 2018.

Associate Editor was Edward Heske.

MAMMAL COLLECTIONS INCORPORATED INTO OTHER COLLECTIONS OR DISPOSITION UNKNOWN.

List includes collections transferred subsequent to the publication of Hafner et al., 1997.

Collection Transferred	Repository
CANADA	
BRITISH COLUMBIA	
Kelowna Museum (KM) - Dun-Waters collection.	Fintry Estate (historic home of Capt. J. C. Dun-Waters)
ONTARIO	
Rondeau Provincial Park (RPPMC)	Collection no longer exists, disposition unknown.
Carleton University, Museum of Zoology (CUMZ) – Donald A. Smith Collection	Royal Ontario Museum (ROM)
COLOMBIA	
BOGOTA	
La Unidad de Investigación "Federico Medem"- Inderena (IND-M)	Instituto Alexander von Humboldt - Colección de Mamíferos (IAvH-M)
UNITED STATES	
ALABAMA	
Troy L. Best Collection	University of New Mexico, Museum of Southwestern Biology (MSB)
CALIFORNIA	
California State Polytechnic University, Pomona (CSPUP)	Collection no longer exists, disposition unknown.
Occidental College, Moore Laboratory of Zoology (MLZ) – Tissue Collection	Louisiana State University, Museum of Natural Science (LSUMZ)
COLORADO	

Dinosaur National Monument (DINO)

University of New Mexico, Museum of Southwestern Biology (MSB);
Northern Arizona University (NAU)

Colorado State University Mammalogy Teaching
Collection (CSUMTC) - part

University of Kansas, Natural History Museum and Biodiversity
Research Center (KU); University of Colorado, Museum of Natural
History, Vertebrate Collections (Mammals) (UCM)

FLORIDA

Florida State University Museum (FSUM) - part

University of Florida, Florida Museum of Natural History (FLMNH)

GEORGIA

Savannah Science Museum (SSM)

Collection no longer exists, disposition unknown.

IDAHO

University of Idaho, Bird and Mammal Museum
(UIDA)

Washington State University, Charles R. Conner Museum (CRCM)

ILLINOIS

United States Army, Construction Engineering
Research Laboratories, Biological Inventory
Collection (CERL/BIC)

University of Illinois, Museum of Natural History (UIMNH)

University of Illinois, Museum of Natural History
(UIMNH) - part

University of New Mexico, Museum of Southwestern Biology (MSB);
Monte L. Bean Life Science Museum (BYU); Field Museum of
Natural History (FMNH)

INDIANA

Nixon Wilson Collection (NWC)

Earlham College, Joseph Moore Museum (JMM)

KENTUCKY

Western Kentucky University (WKSU)

Collection no longer exists, disposition unknown.

University of Kentucky, Vertebrate Teaching
Collection (UKVTC) - part

North Carolina Museum of Natural Sciences (NCSM)

LOUISIANA

Tulane University, Museum of Natural History (TU)

Louisiana State University Museum of Natural Science (LSUMZ)

Centenary College, Vertebrate Collection (CCVC) - part

Museo Nacional de Costa Rica (MNCR); Louisiana State University in Shreveport, Museum of Life Sciences (LSUS)

MAINE

University of Maine, Farmington (UMF)

Maine State Museum (MSM)

University of Maine, Orono (UMO) (Planned transfer in 2018)

Maine State Museum (MSM)

MARYLAND

Patuxent Wildlife Research Center (PWRC)

United States National Museum (USNM)

MASSACHUSETTS

Boston University, Biology Department Teaching Collection* (BUTC)

Georgia Museum of Natural History (GMNH)

Northeastern University, Vertebrate Collection (NUVC)

Georgia Museum of Natural History (GMNH)

MISSOURI

Northwest Missouri State University (NWMSU)

University of Kansas, Natural History Museum and Biodiversity Research Center (KU)

NEBRASKA

Chadron State College, Collection of Vertebrates (CSCCV (CSC))

University of Nebraska State Museum (UNSM)

NEW MEXICO

New Mexico Museum of Natural History (NMMNH)

University of New Mexico, Museum of Southwestern Biology (MSB)

Philmont Scout Ranch, Seton Memorial Library (SETON)

University of New Mexico, Museum of Southwestern Biology (MSB)

NORTH CAROLINA

North Carolina State University (NCSU) - part

North Carolina Museum of Natural Sciences (NCSM)

OKLAHOMA

Oklahoma Baptist University, Webster Natural History Museum (WNHM)

University of Central Oklahoma, Collection of Vertebrates (UCOCV)

PENNSYLVANIA

Shippensburg University Vertebrate Museum (SUVM) - part

State Museum of Pennsylvania (SMP)

SOUTH DAKOTA

N. R. Whitney Collection (NRWC)

Collection no longer exists, disposition unknown

TENNESSEE

University of Memphis, Mammal Collection (UM)

University of Oklahoma, Sam Noble Oklahoma Museum of Natural History (SNOMNH)

TEXAS

Davis Mountains State Park, Interpretive Center (DMSP Interpretive Center)

Collection no longer exists, disposition unknown.

Texas Wesleyan College (TWC)

Angelo State Natural History Collection (ASNHC)

University of Texas at Arlington (UTA (UTACV))

Fort Worth Museum of Science and History (FWMSH)

The University of Texas at Austin, Texas Memorial Museum, Vertebrate Paleontology Laboratory (TMM)

Museum of Texas Tech University (TTU)

Dallas Museum of Natural History (DMNH)

Merged and renamed Perot Museum

University of Mary Hardin-Baylor (UMHB) - part

McMurry University

Wayland Baptist University (WU) - part

Carnegie Museum of Natural History (CM); Museum of Texas Tech University (TTU)

VERMONT

Montshire Museum of Science (MMS)

University of Vermont, Zadock Thompson Natural History Collections (ZTNH)

VIRGINIA

Virginia Polytechnic University, Mammal Museum (VPIMM)

Virginia Museum of Natural History (VMNH)

Virginia Commonwealth University Mammal
Collection (VCU)

Virginia Museum of Natural History (VMNH)

WASHINGTON

Robert and Virginia Rausch Collection
Washington Game Department (WGD)

University of New Mexico, Museum of Southwestern Biology (MSB)
Collection no longer exists, disposition unknown.

WISCONSIN

Jay S. Haft Collection (JSHC)
University of Wisconsin, Milwaukee, Department of
Anthropology (UWMA)

Collection no longer exists, disposition unknown.
Collection no longer exists, disposition unknown.

BASIC CURATORIAL STANDARDS FOR SYSTEMATIC COLLECTIONS OF MAMMALS

(Established by the ASM Systematic Collections Committee and published in the Journal of Mammalogy, 85:180-181, 2004)

1. Collections should be administered by non-profit or private institutions unless an individual or profit-making organization is willing to establish a perpetual trust returning a reasonable perspecimen, per-year maintenance cost for the collection.
2. A collection must have at least one professional mammalogist (director, curator, collection manager) who is directly responsible for it. This individual is encouraged to contact the chair of the Systematic Collections Committee of ASM if the basic standards for collection care are not, or can no longer be, met.
3. Collections must be housed in buildings that provide adequate protection from fire, water, dust, excessive heat or light, and other physical hazards. We strongly recommend that important permanent records (such as catalogues and field notes and permits) be kept in a fireproof or fire retardant safe or its equivalent. Moreover, we strongly encourage the practice of keeping back up copies of important permanent records offsite.
4. Specimens must be stored in insect, dust, light, and fumigant-proof containers. We strongly encourage the use of archival quality containers conforming to current collection management standards.
5. Specimens must be regularly inspected for pests. Pest problems, when they occur, must be dealt with expeditiously and within the standards set by statue and the institution. Fumigants are closely regulated and their use may only be in accordance with all applicable regulations. Use of an integrated pest management approach is encouraged.

Pest control without toxic chemicals (where feasible and safe, such as anoxic environments or cryo-fumigation) is encouraged.

6. Specimens must be prepared in a manner that insures their utility. It is particularly critical that osteological materials be properly prepared. The use of dermestid beetles and their larvae in cleaning small skulls and other osteological materials is strongly recommended, but dermestid colonies should be housed so as to prevent infestation of the collection proper or its ancillary resources.
7. Specimens must be arranged according to a specific plan that is recorded and, preferably, posted.
8. Original field notes and ancillary data must be preserved as a part of the permanent record for each specimen, ideally stored as per standard number 3.
9. Data on specimen labels, in field notes, in the permanent catalogues, and wherever else data are recorded in the collection must be accurate.
10. A permanent catalogue of all specimens in the collection must be maintained. The catalogue must include at least the minimal data recommended by the American Society of Mammalogists' Committee on Information Retrieval: catalogue number; genus; species; sex; country, continent, or ocean of capture; state or province of capture; method of preparation; date of capture. Implementation of electronic data-processing techniques to facilitate management of specimens, ancillary material, and data is recommended. Each collection is strongly encouraged to make these data available electronically. Also, it is recommended that collections maintain catalogues of individual accessions, in addition to those of individual specimens, to facilitate keeping records of collecting permits, field notes, and other information ancillary to the specimens.

11. The collection must be accessible to all qualified users.
12. Accessibility to collections by unqualified persons must be restricted. We recommend the formation of separate teaching collections for use in basic courses, and the restriction of catalogued specimens for research purposes.
13. Loans with other institutions must be handled in a professional manner. Specimens sent on loan should be properly packaged in accordance with federal regulations (Williams et al., Special Publication, Carnegie Museum of Natural History, 4:62-68, 1977).
14. Type specimens must be identified as such, stored in cases marked accordingly, and made accessible only to qualified scientists. They should not be sent on loan. Type specimens should be deposited only in institutions wherein the specimens will receive the perpetual care they require.
15. Evidence should be furnished that the institution intends to continue support of the collection at least at a level necessary to maintain these standards. Should institutional priorities be changed at some future time, the institution should express a willingness to transfer the collection to another public institution that will insure its perpetual maintenance.
16. Acquisition and possession of specimens of mammals must accord with state, federal, and international regulations pertaining thereto. Assurance of adherence to such regulations will be sought when a collection is considered for inclusion on the list of collections that meet basic standards. All pertinent permits, international, federal, state, and local, for acquisition, possession, and importation must be kept on file in such a way that they may be easily and quickly associated with specimens in question.

17. The status of a collection may be reviewed at any time at the request of the institution or the discretion of the ASM Committee on Systematic Collections. Curators should strive to cooperate in the review process.
18. Tissues, when they are collected, should be held minimally to the same data standards as any other specimen and must be completely cross-referenced to vouchers. Tissue specimens should be made available for loan to qualified researchers. The development of guidelines for the consumptive and/or destructive use of specimens and guidelines for tissue loans is encouraged.

MAMMAL COLLECTIONS ACCREDITED BY THE AMERICAN SOCIETY OF MAMMALOGISTS

The 80 collections on this list meet or exceed the basic curatorial standards established by the ASM Systematic Collections Committee. Collections are listed alphabetically by country, then province or state. Date of accreditation (and reaccreditation) are indicated.

Collection Name (Acronym)	Province or State	Year of Accreditation
ARGENTINA		
Universidad Nacional de Tucumán, Colección de Mamíferos Lillo (CML)	Tucumán	1999
CANADA		
Royal Alberta Museum (formerly Provincial Museum of Alberta (PMA))	Alberta	1985
University of Alberta, Museum of Zoology (UAMZ)	Alberta	1985
Royal British Columbia Museum (formerly B.C. Provincial Museum) (RBCM)	British Columbia	1976
University of British Columbia, Cowan Vertebrate Museum (UBC)	British Columbia	1975
Canadian Museum of Nature (formerly National Museum of Natural Sciences) (CMN)	Ontario	1975, 1987
Royal Ontario Museum (ROM)	Ontario	1975, 1995
ECUADOR		
Pontificia Universidad Católica del Ecuador, Museo de Zoología-Mamíferos (QCAZ)	Pichincha	2011
MEXICO		
Centro de Investigaciones Biológicas del Noroeste (CIB)	Baja California Sur	1999
El Colegio de la Frontera Sur, Unidad San Cristóbal de Las Casas (ECO-SC-M)	Chiapas	2008
Colección Nacional de Mamíferos (formerly IBUNAM) (CNMA)	Distrito Federal	1975, 1983
UNITED STATES		

University of Alaska Museum (UAM)	Alaska	1975, 1983, 2010
University of Arizona, Collection of Mammals (UA)	Arizona	1975, 1982
Arkansas State University, Collection of Recent Mammals (ASUMZ)	Arkansas	1976
University of Arkansas at Little Rock, Vertebrate Collection (UALRVC)	Arkansas	1977
California Academy of Sciences (CAS)	California	1975
California State University, Long Beach (CSULB)	California	1979, 1980
Cheadle Center for Biodiversity and Ecological Restoration (formerly University of California-Santa Barbara, Santa Barbara Vertebrate Museum UCSB) (MSE)	California	1986
Humboldt State University, Vertebrate Museum (HSU)	California	1984, 2004
Natural History Museum of Los Angeles County (LACM)	California	1978
San Diego Natural History Museum (SDNHM)	California	1975
Santa Barbara Museum of Natural History (SBMNH)	California	1986
University of California-Berkeley, Museum of Vertebrate Zoology (MVZ)	California	1975
University of California, Davis - Museum of Wildlife and Fish Biology (MWFB)	California	2011
Denver Museum of Nature and Science (DMNS)	Colorado	1989
University of Colorado, Museum of Natural History (UCM)	Colorado	1975
University of Connecticut, Mammal Research Collection (UCONN)	Connecticut	1975, 1983
Yale University, Peabody Museum of Natural History (YPM)	Connecticut	2009
United States National Museum of Natural History (USNM)	D.C.	1975, 1977, 1979
The Mote Marine Laboratory, Ruth Delynn Cetacean Osteological Collection (MML)	Florida	2011
University of Florida, Florida Museum of Natural History (FLMNH)	Florida	1975, 1983
University of Georgia, Georgia Museum of Natural History (GMNH)	Georgia	1985
Bernice P. Bishop Museum (BPBM)	Hawaii	1975, 1986
Chicago Academy of Sciences (CHAS)	Illinois	1989
Illinois State University, John Wesley Powell-Dale Birkenholz Natural History Collections (ISU)	Illinois	2007

The Field Museum of Natural History (FMNH)	Illinois	1975, 1983
University of Illinois, Museum of Natural History (UIMNH) (Majority transferred to MSB, FMNH, and BYU)	Illinois	1975, 1985
Fort Hays State University, Sternberg Museum of Natural History (FHSM)	Kansas	1975, 1980
University of Kansas, Natural History Museum and Biodiversity Research Center (KU)	Kansas	1975, 1987
Louisiana State University, Museum of Natural Science (LSUMZ)	Louisiana	1975, 1989
Harvard University, Museum of Comparative Zoology (MCZ)	Massachusetts	1975
University of Massachusetts, Natural History Collections (UMA)	Massachusetts	2007
Michigan State University Museum (MSU)	Michigan	1975, 1985
University of Michigan, Museum of Zoology (UMMZ)	Michigan	1975, 1987
University of Minnesota, James Ford Bell Museum of Natural History (MMNH)	Minnesota	1975
University of Montana, Philip L. Wright Zoological Museum (UMZM)	Montana	1975, 1985, 2002
University of Nebraska State Museum (UNSM)	Nebraska	1975
New Mexico Museum of Natural History (NMMNH) (Transferred to Museum of Southwestern Biology (MSB))	New Mexico	1994
New Mexico State University, The Vertebrate Museum (NMSU)	New Mexico	1977
University of New Mexico, Museum of Southwestern Biology (MSB)	New Mexico	1975, 1984, 1987,
American Museum of Natural History (AMNH)	New York	1975, 1978
Cornell University Museum of Vertebrates (CUMV)	New York	1975
New York State Museum (NYSM)	New York	1975
North Carolina Museum of Natural Sciences (formerly North Carolina State Museum of Natural Sciences) (NCSM)	North Carolina	2001
Cleveland Museum of Natural History (CMNH)	Ohio	1994
University of Central Oklahoma Collection of Vertebrates (UCOCV)	Oklahoma	2014
Oklahoma State University, Collection of Vertebrates (OSU COV)	Oklahoma	1999
University of Oklahoma, Sam Noble Oklahoma Museum of Natural History (OMNH)	Oklahoma	1975, 1982, 2009

Oregon State University, Department of Fisheries and Wildlife Mammal Collection (OSUFW)	Oregon	1975, 1979
Carnegie Museum of Natural History (CM)	Pennsylvania	1975, 1984
Shippensburg University Vertebrate Museum (SUVVM) (Majority transferred to State Museum of Pennsylvania (SMP))	Pennsylvania	1977, 1987
Clemson University Vertebrate Collections (CUSC)	South Carolina	1986
University of Memphis (UM) (Transferred to University of Oklahoma, Sam Noble Oklahoma Museum of Natural History (OMNH))	Tennessee	1976
Abilene Christian University, Natural History Collection (ACUNHC)	Texas	2002
Angelo State Natural History Collection (ASNHC)	Texas	1992
Texas A&M University, Biodiversity Research and Teaching Collection (Formerly Texas Cooperative Wildlife Collection) (TCWC)	Texas	1975, 1984
Midwestern State University (MWSU)	Texas	1975, 1988
Museum of Texas Tech University (TTU)	Texas	1975, 1983, 2017
Perot Museum of Nature and Science (formerly Dallas Museum of Natural History) (DMNH)	Texas	1980
University of Texas at Austin, Texas Natural History Collection (TNHC) (Transferred to Museum of Texas Tech University (TTU))	Texas	1976
University of Texas at El Paso, UTEP Biodiversity Collections (UTEP)	Texas	1977
University of Utah, Natural History Museum of Utah (UMNH)	Utah	1975, 1993
Brigham Young University, Monte L. Bean Life Science Museum (BYU)	Utah	1991
Virginia Museum of Natural History (VMNH)	Virginia	1999
Virginia Polytechnic University, Mammal Museum (VPIMM) (Transferred to Virginia Museum of Natural History (VMNH))	Virginia	2000
University of Puget Sound, James R. Slater Museum of Natural History (PSM)	Washington	1975
University of Washington, Thomas Burke Memorial Washington State Museum (UWBM)	Washington	1975
Washington State University, Charles R. Conner Museum (CRCM)	Washington	1977

University of Wisconsin - Stevens Point, Museum of Natural History (UWSP)

Wisconsin

1994 (provisional),
2003

University of Wisconsin Zoological Museum (UWZM)

Wisconsin

1975, 1983, 2004

INDEX AND DIRECTORY OF
COLLECTIONS OF MAMMALS IN THE WESTERN HEMISPHERE

ALPHABETICAL INDEX OF COLLECTION ACRONYMS.

Asterisks (*) denote acronyms assigned (or modified) by the authors and daggers (†) denote duplicated acronyms. Page numbers correspond to location within the subsequent directory.

Collection Acronym	Former acronyms	Collection Title	Page
ACM.OS, ACM.TXD	PMNH	Beneski Museum of Natural History, Amherst College	76
ACMNH	CIMNH	College of Idaho, Orma J. Smith Museum of Natural History	64
ACTC		Austin College	104
ACUNHC		Abilene Christian University, Natural History Collection	103
AFGMC		Alaska Department of Fish and Game	46
AMNH		American Museum of Natural History	88
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ANSP		Academy of Natural Sciences of Philadelphia	97
APM	APP	Algonquin Park Museum (formerly Algonquin Provincial Park)	25
ASNHC	ASVRC	Angelo State Natural History Collection	103
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ASUMAC		Arizona State University, Mammal Collection	47
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AUM	AU	Auburn University Museum	45
AUW	AUM	Acadia University, Wildlife Museum	24
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BPBM		Bernice P. Bishop Museum (Bishop Museum Vertebrate Zoology Collection)	63
BPM NHSC		Banff Park Museum National Historic Site of Canada	22
BSCVC		Bemidji State University, Vertebrate Collections	80
BSNS		Buffalo Society of Natural Sciences	89
BSUMC		Ball State University, Mammal Collection	67
BVC		Buena Vista College	68
BYU		Brigham Young University, Monte L. Bean Life Science Museum	110
CAS		California Academy of Sciences	50
CAVE	CACA	Carlsbad Caverns National Park	86
CBF		Colección Boliviana de Fauna	17
CCBG		Colección de Fauna Centro de Biodiversidad y Genética	16

CCCI		Centro Chaqueño de Conservación e Investigación	42
CCVC		Centenary College Vertebrate Collection (formerly Centenary College Collection)	73
CCW		Casper College	115
CEBIOMAS		Colección Biológica del Centro de Ecología y Biodiversidad	44
CHAS		Chicago Academy of Sciences	64
CHM		Charleston Museum	100
CIB	CIBNOR	Centro de Investigaciones Biológicas del Noroeste	35
CIS		Cranbrook Institute of Science	77
CM		Carnegie Museum of Natural History	97
CMC		Universidad Autónoma de Morelos	39
CMC M- (Mammalogy)		Cincinnati Museum Center at Union Terminal	92
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CM-MVUP		Universidad de Panama, Museo de Vertebrados	42
CMN	NMC	Canadian Museum of Nature (formerly National Museum of Natural Sciences)	25
CMNH		Cleveland Museum of Natural History	92
CMP	NA	Centro de Mastozoología del Paraguay	43
CMSU		Central Missouri State University	81
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CM-UAC	CAMP.- MAM-230- 10-09	Universidad Autónoma de Campeche	35
CM-UMSNH		Universidad Michoacana de San Nicolás de Hidalgo	39
CNMA	IBUNAM	Colección Nacional de Mamíferos	37
CNP		Coleccion de Mamiferos del Centro Nacional Patagonico	13
COLM		Colorado National Monument	58
CPM		Christoffel Park Museum (Savonet museum)	41
CPRC-LPMG		University of Puerto Rico, Caribbean Primate Research Center (CPRC), Laboratory of Primate Morphology and Genetics (LPMG)	99
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CRD		Instituto Politécnico Nacional, Colección Regional Durango (Mammalia)	38
CRLA	CLNP	Crater Lake National Park Museum and Archive Collections	95
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CSUC		California State University, Chico, Vertebrate Museum	50
CSUF		California State University, Fresno	51
CSULB		California State University, Long Beach	51
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CUNRC		Universidad Nacional de Rio Cuarto, Colección de Mamíferos	14
CUSC		Clemson University Vertebrate Collections	100
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CVULA		Universidad de Los Andes	118
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DMNH†		Delaware Museum of Natural History	61
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DVC LHS		Diablo Valley College Life and Health Sciences building	52
EB-BUAP		Benemerita Universidad Autónoma de Puebla	40
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ECENT	ECUM	East Central University	94
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EIU		Eastern Illinois University	65
EKU		Eastern Kentucky University	72
EMU		Eastern Michigan University, T. L. Hankinson Vertebrate Museum	78
ENCB		Escuela Nacional de Ciencias Biológicas	37
ENMUNHM		Eastern New Mexico University, Natural History Museum	86
ENP		Everglades National Park	62
EOUVM	EOSC, EOSCVM	Eastern Oregon University Vertebrate Museum	96
EPN	MEPN	Escuela Politécnica Nacional, Quito	32
FCMM		Universidad Nacional Autónoma de México, Facultad de Ciencias	38
FHSM	MHP	Fort Hays State University, Sternberg Museum of Natural History	70
FLC		Fort Lewis College	59

FLMNH	FSM, UF in VertNet, GBIF	University of Florida, Florida Museum of Natural History	63
FMNH	CNHM	The Field Museum of Natural History	66
FMPC	FMNS	Fairbanks Museum and Planetarium Collection	111
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FSUM	FSU	Florida State University Museum	62
FSUMC		Frostburg State University Mammal Collection	75
FWMSH	FWCM	Fort Worth Museum of Science and History	104
GBNM		Glacier Bay National Park and Preserve Museum	46
GLAC		Glacier National Park Museum Collection	82
GML		Gaylord Memorial Laboratory Museum	82
GMNH	UGAMNH	Georgia Museum of Natural History	63
GRCA	GRCAMC	Grand Canyon National Park Museum Collection	47
GRPM		Public Museum of Grand Rapids	79
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HM		Hastings Museum	83
HMNH†	SHMC	Luther College, Sherman A. Hoslett Museum of Natural History	68
HMNH†		Robert A. Hefner Museum of Natural History	94
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HSU		Humboldt State University Vertebrate Museum	52
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IADIZA-CM		Instituto Argentino de Investigaciones de las Zonas Aridas	15
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ICN		Colección de mamíferos "Alberto Cadena García" Instituto de Ciencias Naturales	29
IDFG	IFGD	Idaho Fish and Game, Wildlife Health Laboratory	64
IIBUV	IIB-UV	Colección de Mamíferos del Instituto de Investigaciones Biológicas, Universidad Veracruzana	41
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INPA		Instituto Nacional de Pesquisas Amazônicas	18
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ISUVC		Indiana State University	67
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KMNH	VMKSC	Kearney State University, Vertebrate Museum	84
KSU		Kansas State University	71
KU		University of Kansas, Natural History Museum and Biodiversity Research Center	72
LACM		Natural History Museum of Los Angeles County	54
LAVO		Lassen Volcanic National Park Collection	53
LCM		Universidad de Chile, Laboratorio de Citogenética de Mamíferos	28
LSSU	LSSC	Lake Superior State University	78
LSUMZ		Louisiana State University, Museum of Natural Science	73
LSUS		Louisiana State University in Shreveport, Museum of Life Sciences	73
LTU		Louisiana Tech University	74
LVMC; LVT		University of Nevada Las Vegas Mammal Collection	85
MACN-Ma		Colección Nacional de Mastozoología del Museo Argentino de Ciencias Naturales	13
MAS-MA		Colección de Mastozoología del Museo de Ciencias Naturales y Antropológicas "Prof. A. Serrano"	14
MBM		San Jose State University, Museum of Birds and Mammals	56
MBML		Museu de Biologia Professor Mello Leitão, Instituto Nacional da Mata Atlântica	18
MBUCV		Universidad Central de Venezuela	117
MCN (FZB/RS)		Museu de Ciências Naturais, Fundação Zoobotânica do Rio Grande do Sul.	21
MCNCI*		Instituto de Profesorado "Antonio R. De Montoya" - Museo de Ciencias Naturales y Centro de Investigacion	15
MCNH	CCNH	Museum of Cultural and Natural History, Central Michigan University	79
MCZ		Harvard University, Museum of Comparative Zoology	76
MDFW		Massachusetts Division of Fisheries and Wildlife	76
MFA-ZV-M		Museo Florentino Ameghino, Colección Mastozoológica	16
MGMC		Museo de Esqueletología Gabriel Moscoso Espinoza	32
MHNC		Museo de Historia Natural de Concepción	27
MHNCI		Museu de Historia Natural "Capão da Imbuia"	20
MHNC-M		Museo de Historia Natural "Alcide d'Orbigny"	17
MHNLS	SCN	Museo de Historia Natural La Salle	117
MHNNKM		Museo de Historia Natural "Noel Kempff Mercado"	17

MHNV		Museo de Historia Natural de Valparaiso, Colección de Mamíferos	29
MIB*		Museo Itaipú Binacional	42
MJCM		Museo de Ciencias Naturales y Antropológicas "Prof. Juan C. Moyano"	15
MLP		Museo de La Plata	13
MLZ		Occidental College, Moore Laboratory of Zoology	54
MM	MMMN	The Manitoba Museum	23
MMG		Sala de Historia Natural - Museo Municipal de Guayaquil	32
MMHNSR		Museo Municipal de Historia Natural de San Rafael	15
MML		The Mote Marine Laboratory Ruth Delynn Cetacean Osteological Collection	62
MMNH		University of Minnesota, James Ford Bell Museum of Natural History	81
MMNS		Mississippi Museum of Natural Science	81
MMPMa		Area Mastozoología - Museo Municipal de Ciencias Naturales "Lorenzo Scaglia"	13
MN		Universidade Federal do Rio de Janeiro, Museu Nacional	21
MNCR		Museo Nacional de Costa Rica	30
MNHN†		Museo Nacional de Historia Natural, Santiago	28
MNHN†		Museo Nacional de Historia Natural y Antropología, Montivideo	116
MNHNP		Museo Nacional de Historia Natural del Paraguay	42
MNHNPM		Museo Nacional de Historia Natural Prof. Eugenio de Jesus Marcano	31
MNR		Ministry of Natural Resources, Ontario	25
MP		Mohonk Preserve, Inc.	89
MPC		Monterey Peninsula College, Life Science Museum	53
MPEG		Museu Paraense Emilio Goeldi	19
MPUJ		Museo de Historia Natural de la Pontificia Universidad Javeriana	29
MSB	UNM	University of New Mexico, Museum of Southwestern Biology	87
MSE	UCSB	Cheadle Center for Biodiversity and Ecological Restoration	52
MSM		Maine State Museum	75
MSU		Michigan State University Museum Mammal Collection	78
MSUMC		Murray State University	72
MSUZ	MISSU	Mississippi State University, Zoological Collections	81
MTFWP	MSUB	Montana Fish, Wildlife & Parks, Wildlife Laboratory	82
MUHNES* (50)	MUHNES	Museo de Historia Natural de El Salvador	33
MUMC	WVMS	Marshall University	114
MUMZ		University of Missouri, Museum of Zoology	82
MUSA		Universidad Nacional de San Agustin de Arequipa, Museo de Historia Natural	43

MUSM	MHNJP	Universidad Nacional Mayor de San Marcos, Museo de Historia Natural	44
MVZ		University of California, Berkeley, Museum of Vertebrate Zoology	57
MWFB		Museum of Wildlife and Fish Biology, UC Davis	53
MWSU		Midwestern State University	105
MZFC-M		Universidad Nacional Autónoma de México, Facultad de Ciencias	38
MZ-ICACH		Instituto de Ciencias y Artes de Chiapas, Museo Zoológico	36
MZUG	MUGM	Museo de Zoología de la Universidad de Guayaquil (formerly Museo de Ciencias Naturales, Colección "Gustavo Orcés")	32
MZUCR		Universidad de Costa Rica, Museo de Zoología	31
MZUC-UCCC		Museo de Zoología de la Universidad de Concepción, Colecciones Científicas de Referencia	27
MZUSP		Universidade de São Paulo, Museu de Zoologia	22
NAUVM	NAU	Northern Arizona University, Museum of Vertebrates	48
NBM*		New Brunswick Museum	24
NCSM		North Carolina Museum of Natural Sciences (formerly North Carolina State Museum of Natural Sciences)	90
NCSU		North Carolina State University	91
NDSUVC	NDSU	North Dakota State University, Vertebrate Collection	91
NEMSU		Truman State University	82
NLU	NELU	University of Louisiana at Monroe	74
NMDOH	NMED	New Mexico Department of Health Zoonoses Program	86
NMML	NMFS	National Marine Mammal Laboratory Osteological Collection	112
NMNHRC		National Museum of Natural History of the Republic of Cuba	31
NMSU		The Vertebrate Museum, New Mexico State University	87
NMSUVWM		New Mexico State University Vertebrate Wildlife Museum (aka "NMSU Wildlife Museum")	86
NPS-MCSUG*		Museum Collection of the Southeast Utah Group	109
NPWRC	NPSC	Northern Prairie Wildlife Research Center formerly Northern Prairie Science Center (NPSC)	92
NSM		Nova Scotia Museum	24
NSMC		Nevada State Museum	84
NSU		Northeastern State University, Biological Collections	94
NSUL		Northwestern State University of Louisiana	74
NYSM		New York State Museum	89
NZCS		National Zoological Collection of Suriname	44
OAX.MAN		Colección mastozoológica CIIDIR Oaxaca	40
OLYM	ONP	Olympic National Park	112

OMNH	OU, SNOMNH	University of Oklahoma, Sam Noble Oklahoma Museum of Natural History	95
OSU COV	OSU, OSUK, OSUS	Oklahoma State University, Collection of Vertebrates	95
OSUFW		Oregon State University, Department of Fisheries and Wildlife Mammal Collection	96
OSUMZ	OSUM in VertNet and GBIF	Ohio State University, Museum of Biological Diversity	93
OUVC		Ohio University Vertebrate Collection	93
PECA		Kansas Department of Wildlife and Parks, Pratt Education Center and Aquarium	71
PEFO		Petrified Forest National Park	48
PEM	PMS	Peabody Essex Museum	76
PGMNH		Pacific Grove Museum of Natural History	54
PLT*		Zoological Collections of Para La Tierra	43
PM†		Pratt Museum	46
PM†	DANS, DAS, DM, DPM, PMHNS	Putnam Museum and Science Center	69
PMA		Mammalogy Program, Royal Alberta Museum	22
PNICMM- INP		Instituto Nacional de la Pesca, Centro Regional de Investigación Pasquera de La Paz	35
PORE	PRNS	Point Reyes National Seashore	55
PPHM		Panhandle-Plains Historical Museum, Natural History Collections	105
PRICO		University of Puerto Rico	99
PSM		University of Puget Sound, James R. Slater Museum of Natural History	113
PSU		Museum of Vertebrate Biology, Portland State University	96
PSU-ESM	PSU-SFR	Pennsylvania State University - Department of Ecosystem Science and Management	98
PSUMC		Pittsburg State University	71
PUC-MG		Museu de Ciências Naturais da Pontifícia Universidade Católica de Minas Gerais	19
PUCNMH		Pacific Union College, Donald V. Hemphill Museum of Natural History	54
PUCRS		Pontifícia Universidade Católica do Rio Grande do Sul	21
QCAZ		Pontifícia Universidad Católica del Ecuador, Museo de Zoología-Mamíferos	33
RBCM	BCPM	Royal British Columbia Museum (formerly British Columbia Provincial Museum)	23
RCMC		Rockford College	65
RM		McGill University, Redpath Museum	26
RMBL		Rocky Mountain Biological Laboratory	59
ROM		Royal Ontario Museum	25

ROMO		Rocky Mountain National Park	59
RPM	RPMAG	Reading Public Museum	98
RSKM	SMNH, RSM	Royal Saskatchewan Museum	26
RVP		Museo Provincial de Historia Natural de La Pampa	14
RWC		Roosevelt Wildlife Collection	90
RWPM	PMRI	Museum of Natural History, Roger Williams Park	100
SBCM		San Bernardino County Museum	55
SBMNH		Santa Barbara Museum of Natural History	56
SCNHM		Southwestern College, Natural History Museum	71
SDAKS	SDSC	South Dakota State University	101
SDNHM		San Diego Natural History Museum	55
SDSU		San Diego State University	55
SHM		Siouxland Heritage Museums Natural History Collection	101
SHSND		State Historical Society of North Dakota	92
SHSU		Sam Houston State University, Vertebrate Natural History Collection	106
SIUCM		Zoology Department Mammal Collection, Southern Illinois University	66
SIUE		Southern Illinois University, Edwardsville	66
SJER		United States Forest Service, San Joaquin Experimental Range	56
SJUBC		Saint John's University, Biology Collections	80
SLU		Southeastern Louisiana University, Vertebrate Museum	74
SM†		Sanford Museum Collections	69
SM†		G. W. Carroll Mammal Collection	104
SMM		The Science Museum of Minnesota	80
SMNH		Emporia State University, Schmidt Museum of Natural History	70
SMP	WPMM	State Museum of Pennsylvania	99
SOMVNH	SOSC, SOSC MVNH	Southern Oregon University, Museum of Vertebrate Natural History	96
SRSU		Sul Ross State University Scudday Vertebrate Collection	106
SSM		Springfield Science Museum	77
SSUC		Colección de Flora y Fauna Profesor Patricio Sánchez Reyes	28
SUCR		Sunset Crater Volcano National Monument	48
SUI		Museum of Natural History, The University of Iowa	69
SUNYO		State University of New York at Oneonta	90
SUVM		Shippensburg University Vertebrate Museum	99
SWRS		Southwestern Research Station Mammal Collection	48
TAI	TAIU	Texas A & M University at Kingsville, Texas A & I Mammal Collection	107
TCWC		Biodiversity Research and Teaching Collection (formerly Texas Cooperative Wildlife Collection)	107
TnTU*		Tennessee Tech University	102
TICA	TCNM	Timpanogos Cave National Monument	109

TNSC		Trailside Nature and Science Center	85
TSC		Tarleton State Collection	106
TSSMC		Teton Science School	115
TTU		Collection of Recent Mammals, Museum of Texas Tech University	105
TWRA		Tennessee Wildlife Resources Agency	102
UA	UAZ (in VertNet, GBIF)	Collection of Mammals-University of Arizona	47
UABC	LV-UABC	Universidad Autónoma de Baja California	34
UABSC		Universidad Nacional Autónoma de Baja California Sur	35
UACH	IEEUACH	Colección de Mamíferos de la Universidad Austral de Chile	29
UADY		Universidad Autónoma de Yucatán, Facultad de Medicina Veterinaria y Zootecnia	41
UAFMC	UADZ, UAMCZ	University of Arkansas Fayetteville Museum Collections	50
UALRVC		University of Arkansas at Little Rock, Vertebrate Collection	49
UAM		University of Alaska Museum	46
UAMI		Universidad Autónoma Metropolitana, Unidad Iztapalapa	37
UAMZ		University of Alberta, Museum of Zoology	23
UANL		Colección de Mamíferos, Laboratorio de Mastozoología Dr. Bernardo Villa Ramírez, Facultad de Ciencias Biológicas, Universidad Autónoma de Nuevo León	39
UBC		Cowan Vertebrate Museum	23
UCLA		University of California, Los Angeles, Dickey Collection	57
UCM		University of Colorado Museum of Natural History	60
UCOCV	CSUCV, CSUO	University of Central Oklahoma, Collection of Vertebrates (formerly Central State University CSUO)	95
UCONN		University of Connecticut	60
UDEL		University of Delaware	61
UFHNH		Utah Field House of Natural History State Park	111
UFMG		Coleção de Mamíferos da Universidade Federal de Minas Gerais	19
UFMT		Coleção de mamíferos da Universidade Federal de Mato Grosso	19
UFPB		Coleção de Mamíferos da Universidade Federal da Paraíba	20
UFPE		Coleção de mamíferos da Universidade Federal de Pernambuco	20
UFRRJ		Coleção Adriano Lúcio Peracchi	21
UG	MADUG-MA	Universidad de Guanajuato	38
UGDZ		University of Guelph	26
UIMNH		University of Illinois Museum of Natural History	66
UKVTC	UKEN	University of Kentucky	73
UMA		University of Massachusetts, Natural History Collections	77

UMD		University of Minnesota, Duluth	80
UMHB		University of Mary Hardin-Baylor	107
UMMZ		University of Michigan Museum of Zoology	79
UMNH	UU	Natural History Museum of Utah, University of Utah	110
UMO		University of Maine	75
UMZM	UMZ, MSUZ	Philip L. Wright Zoological Museum, University of Montana	83
UNB		Coleção de Mamíferos da Universidade de Brasília	18
UNC-B*		University of Northern Colorado	60
UNCW		University of North Carolina Wilmington Vertebrate Collections	91
UND		University of North Dakota, Vertebrate Museum	92
UNH		University of New Hampshire	85
UNI		University of Northern Iowa	70
UNO		University of Nebraska at Omaha	84
UNR	UNEVR	University of Nevada, Museum of Natural History	85
UNSM		University of Nebraska State Museum	84
UOMNCH	UO	University of Oregon Museum of Natural and Cultural History	97
URIMC		University of Rhode Island, Mammal Collection	100
USAC		Museo de Historia Natural de la Universidad de San Carlos de Guatemala (USAC)	34
USANHC	USA	University of South Alabama, Vertebrate Natural History Collection	45
USD		University of South Dakota	101
USDAK		W. H. Over State Museum	101
USI	ISUE	University of Southern Indiana (formerly Indiana State University, Evansville)	68
USNM		United States National Museum of Natural History	62
USRC		University of Regina	27
UTCM		University of Tennessee at Chattanooga Natural History Museum, Mammal Collection	103
UTEP	MALB	University of Texas at El Paso, UTEP Biodiversity Collections, Mammal Division	108
UTLPA		University of Texas at Austin, Laboratory of Physical Anthropology	107
UT-MTC	UTMZ	University of Tennessee, Mammal Teaching Collection	103
UT-PA-MC		University of Texas-Pan American Mammal Collection	108
UV		Universidad del Valle, Colección de Mamíferos	30
UWBM		University of Washington, Thomas Burke Memorial Washington State Museum	113
UWI*		University of the West Indies	45
UWMIL		University of Wisconsin, Milwaukee, Department of Biological Sciences	115
UWSP		Charles A. Long Mammalogy Collection, University of Wisconsin - Stevens Point, Museum of Natural History	114

UWYMV		University of Wyoming Museum of Vertebrates	116
UWZM	UWZ	University of Wisconsin Zoological Museum	115
VFWD		Vermont Fish and Wildlife Department - Addison Collection	112
VMNH		Virginia Museum of Natural History	112
VSC-L		Lyndon State College, Mammal Collection	111
WACA		Walnut Canyon National Monument	48
WCW		Whitman College	114
WFIS		Museum of the Wagner Free Institute of Science	98
WFVC		Wake Forest Vertebrate Collection	91
WICA		Wind Cave National Park	102
WMM		Witte Memorial Museum	109
WNMU		Western New Mexico University	88
WSBC		Wichita State University	72
WSC		Westfield State College, Museum and Herbarium	77
WSNM		White Sands National Monument	88
WSU	WIU	Western Illinois University, Museum of Natural History	67
WSUBMC	WEBSC, WSU	Weber State University Bird and Mammal Collection	110
WSUMNH		Wayne State University, Museum of Natural History	79
WTSU		West Texas A&M University Natural History Collection	108
WU		Wayland Baptist University	108
WUME		Willamette University Museum	97
WUPA		Wupatki National Monument	49
WWF		Rob & Bessie Welder Wildlife Foundation Natural History Collections	106
WWM		Werner Wildlife Museum	116
YNP	YOSE, YM	Yosemite Museum	57
YPM		Yale University, Peabody Museum of Natural History	61
ZNP		Zion National Park	110
ZTNH	UVMZ	University of Vermont, Zaddock Thompson Natural History Collections	111
ZUEC-MAM		Museu de Zoologia “Prof. Adão José Cardoso”	22

DIRECTORY OF COLLECTIONS OF THE WESTERN HEMISPHERE

ARGENTINA

BUENOS AIRES

Museo Argentino de Ciencias Naturales (MACN-Ma)

Colección Nacional de Mastozoología, Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Avenida Ángel Gallardo 470, Buenos Aires C1405DJR, Argentina

Contact: Pancho Prevosti (protocyon@hotmail.com), 54-11-4982-6595

Additional contacts: Esperanza Varela, Gustavo Daneri, Luis Cappozzo (eavarela@macn.gov.ar, gdaneri@macn.gov.ar, cappozzo@mail.retina.ar), 54-11-4982-6595

Website: www.macn.secyt.gov.ar/colnac/masto.htm; **Data availability:** Digitized collection database; **GBIF;** **Holdings:** 22266 specimens; 18 holotypes; **Tissues:** None; **Taxonomic emphasis:** **Geographic emphasis:** primarily Argentina; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Museo de La Plata (MLP)

Sección Mastozoología, División Zoología Vertebrados, Museo de La Plata, Paseo del Bosque S/Nº, La Plata (B1900FWA), Buenos Aires, Argentina

Contact: Diego H. Verzi (dverzi@fcnym.unlp.edu.ar), 54-221-4257744 (135)

Additional contacts: Mariano L. Merino (mlmerino@fcnym.unlp.edu.ar), 54-221-4257744 (146)

Website: <http://www.fcnym.unlp.edu.ar/museo/>; **Data availability:** Digitized collection database; **GBIF;** **Holdings:** 5939 specimens; 3 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia, Cingulata, Pilosa; **Geographic emphasis:** Pampean and Patagonian regions of Argentina; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Museo Municipal de Ciencias Naturales “Lorenzo Scaglia” (MMPMa)

Area Mastozoología, Avenida Libertad 3099, Plaza España, Mar del Plata, Buenos Aires 7600, Argentina

Contact: Mariano Damian Romero (dromeromuseo@yahoo.com.ar), 54-0223-4738791

Additional contacts: Natalia S. Martino (nasilmar@gmail.com), 54-223-4850613

Website: None; **Data availability:** Digitized collection database; contact via e-mail; **Holdings:** 6000 specimens; 1 holotype; **Tissues:** some (liver in 96% alcohol); **Taxonomic emphasis:** Rodentia: Caviomorpha, Didelphimorphia; **Geographic emphasis:** Argentina; **Other incorporated collections:** Phtiraptera of mammals (MMPPh); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

CHUBUT

Centro Nacional Patagonico (CNP)

Colección de Mamíferos, Boulevard Brown 2915, Centro Nacional Patagonico, Puerto Madryn, Chubut 9120, Argentina

Contact: Dr. Ulyses Francisco Jose Pardiñas (ulyses@cenpat-conicet.gob.ar), 54-2804-883184
Additional contacts: Carola Cañón Valenzuela (carolacanonv@gmail.com), 54-2804-883184
Website: None; **Data availability:** Digitized collection database; contact via e-mail; *Sistema Nacional de Datos Biológicos - Mincyt*; **Holdings:** 4865 specimens; 2 holotypes; **Tissues:** 4800 (96% alcohol); **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Chubut, Patagonia, Misiones; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

CORDOBA

Universidad Nacional de Rio Cuarto, Colección de Mamíferos (CUNRC)

Universidad nacional de Rio Cuarto, Agencia Postal #3, Rio Cuarto, Cordoba 5800, Argentina
Contact: Jaime J. Polop (jpolop@exa.unrc.edu.ar), 54-50358-4676236
Additional contacts: Maria Cecilia Provensal (cprovensal@exa.unrc.edu.ar), 54-50358-4676236
Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 2100 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** central Argentina; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

ENTRE RIOS

Museo de Ciencias Naturales y Antropológicas "Prof. Antonio Serrano", Colección de Mastozoología (MAS-MA)

Carlos Gardel 62, Parana, Entre Rios 3100, Argentina
Contact: Maria Laura Calderon (mlauracalderon16@hotmail.com), 54-0343-4208894
Additional contacts: Graciela Ibargoyen, Dr. Romina Pave (gmibargoyen@yahoo.com.ar; rominapave@hotmail.com), 54-0343-4208894
Website: None; **Data availability:** Hardcopy collection catalog; contact via e-mail; **Holdings:** 200 specimens; 0 holotypes; **Tissues:** some; **Taxonomic emphasis:** Chiroptera; **Geographic emphasis:** Entre Rios Province; **Other incorporated collections:** from Museo Florentino Ameghino; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

LA PAMPA

Museo Provincial de Historia Natural de La Pampa (RVP)

Colección de Mamíferos, Pellegrini 180, Santa Rosa, La Pampa 6300, Argentina
Contact: Monica Becerra (becerrailum@yahoo.com.ar), 54-95-422693
Additional contacts: (culturamuseodehistorianatural@lapampa.gov.ar), 02954-42 2693
Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 220 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Province of La Pampa in west central Argentina; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: Hafner et al. 1997 (updated contact info via website).
ASM accreditation: None.

MENDOZA

Instituto Argentino de Investigaciones de las Zonas Áridas-Colección Mastozoológica (IADIZA-CM)

Unidad de Zoología y Ecología Animal, Casilla de Correo 507, Mendoza 5500, Argentina

Contact: Ricardo Ojeda (rojeda@mendoza-conicet.gob.ar), 54-61-287995

Additional contacts: Benjamín Bender (jbbender@mendoza-conicet.gob.ar)

Website: <http://www.mendoza-conicet.gob.ar/portal/iadiza/english/paginas/index/vertebrate-collection>; **Data availability:** *Hardcopy collection catalog*; **Holdings:** *7000 specimens; 0*

holotypes; Tissues: None; Taxonomic emphasis: Rodentia and Cingulata; Geographic emphasis: Monte Biome and the Argentinean Patagonia; Other incorporated collections: None; Former acronyms: None.

Survey data: *Hafner et al. 1997 (updated contact and collection info via website).*

ASM accreditation: *None.*

Museo de Ciencias Naturales y Antropológicas "Prof. Juan C. Moyano" (MJCM)

Colección de Mamíferos, Plaza de la Independencia, Mendoza 5500, Argentina

Contact: Kett Bohm de Saurina Additional contacts: Susana Falsa de Fernandez

(susanafalsa@yahoo.com.ar)

Website: *None; Data availability: Hardcopy collection catalog; Holdings: 597 specimens; 0*
holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: north central
Argentina; Other incorporated collections: None; Former acronyms: None.

Survey data: *Hafner et al. 1997.*

ASM accreditation: *None.*

Museo Municipal de Historia Natural de San Rafael (MMHNSR)

Parque Mariano Moreno, Isla Rio Diamante, San Rafael, Mendoza 5600 Argentina

Contact: Flavia Patricia Lagiglia (fplagiglia@yahoo.com.ar), 54-02627-423095

Additional contacts: Humberto A. Lagiglia (lagiglia@infovia.com.ar), 54-02627-423095

Website: *None; Data availability: Digitized collection database; contact via email; Holdings:*
880 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis:
South of Mendoza Province; Other incorporated collections: None; Former acronyms: None.

Survey data: *2017 survey.*

ASM accreditation: *None.*

MISIONES

Instituto de Profesorado "Antonio R. De Montoya" (MCNCI)

Museo de Ciencias Naturales y Centro de Investigacion, Ayacucho 1962, Posadas, Misiones
3300, Argentina

Contact: Silvia M.E. Venanzi (svenanzi@isparm.edu.ar)

Additional contacts: N/A

Website: www.isparm.edu.ar; **Data availability:** *Hardcopy collection catalog; Holdings: N/A; 0*
holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: N/A; Other
incorporated collections: None; Former acronyms: None.

Survey data: *2017 survey. Museum is closed for remodeling.*

ASM accreditation: *None.*

RIO NEGRO

Centro Regional Universitario Bariloche, Universidad Nacional del Comahue (CRUBM)

Colección de Mamíferos del Centro Regional Universitario Bariloche, Centro Regional Universitario Bariloche, Universidad Nacional del Comahue, Quintral 1250, Bariloche, Rio Negro 8400, Argentina

Contact: Hernán Pastore (hpastore@crub.uncoma.edu.ar), 54 2944 428505

Additional contacts: N/A

Website: None; **Data availability:** Digitized collection database; Excel database; **Holdings:** 250 specimens; 0 holotypes; **Tissues:** some (Alcohol 96%); **Taxonomic emphasis:** Mostly Patagonian mammals; **Geographic emphasis:** Patagonia, Argentina; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey.

ASM accreditation: None.

SANTA FE

Museo Florentino Ameghino, Colección Mastozoológica (MFA-ZV-M)

Sección Zoología de Vertebrados, Primera Junta 2859, Santa Fe 3000, Argentina

Contact: Edelvita A. Fioramonti (ameghino@ceride.gov.ar), 54-0342-4573730

Additional contacts: Andres Pautasso (andrespautasso@yahoo.com.ar), 54-0342-4556215

Website: www.unl.edu.ar/santafe/museocn.htm; **Data availability:** Digitized collection database; through a series of publications; look at www.unl.edu.ar/santafe/museocn.htm; **Holdings:** 729 specimens; 0 holotypes; **Tissues:** 200 (preservation not specified); **Taxonomic emphasis:** Chiroptera, Rodentia, Carnivora; **Geographic emphasis:** NE Argentina; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

TUCUMAN

Universidad Nacional de Tucumán, Colección de Mamíferos Lillo (CML)

Facultad de Ciencias Naturales e Instituto Miguel Lillo, Miguel Lillo 251, San Miguel de Tucuman, Tucuman 4000, Argentina

Contact: Rubén Marcos Barquez (rubenbarquez@csnat.unt.edu.ar), 54 9 381 475 6222

Additional contacts: Monica Diaz (mmonicadiaz@yahoo.com.ar), 54-381-4356696

Website: <http://www.pidba.com.ar/coleccion2.html>; **Data availability:** Digitized collection database; Excel database; GBIF (partial-2805 specimens); **Holdings:** 14000 specimens; 12 holotypes; **Tissues:** 500 (Alcohol 96%); **Taxonomic emphasis:** Small mammals (Didelphimorphia, Rodentia, Chiroptera); **Geographic emphasis:** Northern Argentina; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

BOLIVIA

COCHABAMBA

Colección de Fauna Centro de Biodiversidad y Genética (CCBG)

Segundo Bloque - Segundo piso, Departamento de Biología, Facultad de Ciencias y Tecnología, Universidad Mayor de San Simón, Casilla 538, Cochabamba, Cochabamba, Bolivia

Contact: Freddy Navarro (frenan@fcyt.umss.edu.bo), 591-4-4481682/591-4-4540796/591-7-0779539

Additional contacts: N/A

Website: None; **Data availability:** Digitized collection database; **Holdings:** 265 specimens; 1 holotype; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** Andes, Amazonica, Yungas and Valles Secos; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Museo de Historia Natural "Alcide d'Orbigny" (MHNC-M)

Sección de Mastozoología, Av. Potosí N° 1458 (esq. Av. América), Casilla Postal 843, Cochabamba, Cochabamba, Bolivia

Contact: Ricardo Céspedes (cespedesr@yahoo.com, ricardojcespedes@gmail.com), 591-4-4486969

Additional contacts: Lizette Siles, Marisol Hidalgo (liz.siles@gmail.com, hidalgocossiomarisol@gmail.com), 591-4-4486969

Website: <http://museodorbigny.org.bo>; **Data availability:** Digitized collection database; **Holdings:** 166 specimens; 1 holotype; **Tissues:** 87 (alcohol); **Taxonomic emphasis:** Chiroptera; **Geographic emphasis:** Bolivia; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

LA PAZ

Colección Boliviana de Fauna (CBF)

Mastozoología, Calle 26 s/n Cota-Cota, Casilla de Correo 8706, La Paz, La Paz, Bolivia

Contact: Marcia Isabel Moya Diaz (isamoyadiaz@gmail.com), 591-2-2795364

Additional contacts: Adriana Rico (Adriana Rico <adri_rico_cer@yahoo.es>), 591-2-2792416 int 5

Website: www.insteco-bol.org; **Data availability:** Digitized collection database; **Holdings:** 8211 specimens; 8 holotypes (have CBF number, but currently archived at MSB and AMNH); **Tissues:** some (alcohol) and ~1000 specimens have frozen tissues archived at MSB); **Taxonomic emphasis:** Rodentia, Chiroptera and Didelphimorphia; **Geographic emphasis:** Bolivia; **Other incorporated collections:** Museo Nacional de Historia Natural de Bolivia; Colección de Vertebrados, Instituto de Ecología, Universidad Mayor de San Andrés; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

SANTA CRUZ

Museo de Historia Natural "Noel Kempff Mercado" (MHNNKM)

Sección de Mastozoología, Avenida Irala 565, Casilla Postal 2489, Santa Cruz de la Sierra, Santa Cruz, Bolivia

Contact: Kathia Rivero (krivero@museonoelkempff.org), 591-3-3371216
Additional contacts: Luis H. Acosta S. (l.jubatus@gmail.com; lacosta@museonoelkempff.org)
Website: www.museonoelkempff.org; **Data availability:** Digitized collection database;
<http://www.museonoelkempff.org/cgb/>; **Holdings:** 5200 specimens; 1 holotype; **Tissues:** None
(~1000 specimens have associated tissues archived at the Museum of Southwestern Biology);
Taxonomic emphasis: Chiroptera; **Geographic emphasis:** Bolivia; **Other incorporated
collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

BRAZIL

AMAZONAS

Instituto Nacional de Pesquisas Amazônicas (INPA)

Manaus, Amazonas, Brazil

Contact: N/A

Additional contacts: N/A

Website: None; **Data availability:** Digitized collection database (partially); types digitized;
SpeciesLink (<http://www.splink.org.br>); **Holdings:** 7500 specimens; 11 holotypes; **Tissues:**
None; **Taxonomic emphasis:** **Geographic emphasis:** Amazonia; **Other incorporated collections:**
None; **Former acronyms:** None.

Survey data: 2017 survey (data from Bezerra 2012).

ASM accreditation: None.

DISTRITO FEDERAL

Universidade de Brasília (UNB)

Coleção de Mamíferos, Departamento de Zoologia, Instituto de Ciências Biológicas, Campus
Universitário Darcy Ribeiro, Brasília, Distrito Federal, Brazil

Contact: J Marinho (jmarinho@unb.br), (+55 61) 3107-3034

Additional contacts: Pedro De Podestà (pedropua@gmail.com), (+55 61) 3107-3034

Website: None; **Data availability:** Digitized collection database; Excel database; **Holdings:**
5651 specimens; 0 holotypes; **Tissues:** 524 (ETOH and frozen); **Taxonomic emphasis:**
Chiroptera and Rodentia; **Geographic emphasis:** Brasil, Cerrado; **Other incorporated
collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

ESPIRITO SANTO

Museu de Biologia Professor Mello Leitão, Instituto Nacional da Mata Atlântica (MBML)

Av. José Ruschi, 4, Santa Teresa, Espírito Santo, 29650-000, Brazil

Contact: Helio de Queiroz Boudet Fernandes (direcao@inma.gov.br), 55-27-3259-1182

Additional contacts: Juliana Paulo da Silva (mbml.zoologia@inma.gov.br), +55 (27) 3259-1182

Website: None; **Data availability:** Digitized collection database;
<http://www.splink.org.br/form?lang=pt&collectioncode=MBML-Mamiferos>; SpeciesLink,
VertNet, GBIF; **Holdings:** 3578 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:**

Rodentia, Chiroptera, Didelphimorphia; Geographic emphasis: Eastern Brazil, Atlantic Forest; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

MATO GROSSO

Universidade Federal de Mato Grosso (UFMT)

Coleção de mamíferos, Cuiabá, Mato Grosso, Brazil

Contact: N/A

Additional contacts: N/A

Website: None; Data availability: Digitized collection database; SpeciesLink

(<http://www.splink.org.br>); Holdings: 4000 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Chiroptera, Rodentia and Didelphimorphia; Geographic emphasis: Mato Grosso, Amazon and transition of this biome with the Cerrado; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey (data from Bezerra 2012).

ASM accreditation: None.

MINAS GERAIS

Museu de Ciências Naturais da Pontifícia Universidade Católica de Minas Gerais (PUC-MG)

Pontifícia Universidade Católica de Minas Gerais, Belo Horizonte, Minas Gerais, Brazil

Contact: N/A

Additional contacts: N/A

Website: None; Data availability: Digitized collection database; SpeciesLink

(<http://www.splink.org.br>); Holdings: 3500 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Rodentia and Didelphimorphia, and large collection of fossil South American mammals; Geographic emphasis: Primarily Minas Gerais; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey (data from Bezerra 2012).

ASM accreditation: None.

Universidade Federal de Minas Gerais (UFMG)

Coleção de Mamíferos, Belo Horizonte, Minas Gerais, Brazil

Contact: N/A

Additional contacts: N/A

Website: None; Data availability: N/A; Holdings: 3158 specimens; 2 holotypes; Tissues: None;

Taxonomic emphasis: Rodentia; Geographic emphasis: primarily Minas Gerais; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey (data from Bezerra 2012).

ASM accreditation: None.

PARÁ

Museu Paraense Emilio Goeldi (MPEG)

Campus de Pesquisa, COZOO/Mastozoologia, Av. Perimetral 1901. Terra Firme, Belem, Pará, CEP 66077-830, Brazil

Contact: José de Sousa e Silva Júnior (Cazuza) (cazuza.junior@gmail.com), 55 (91) 3075-6134
Additional contacts: Alexandra Maria Ramos Bezerra, Renata Emin, Celso Moraes
(alexamrbezerra@museu-goeldi.br, sotalias@gmail.com, celso@museu-goeldi.br), 55 (91) 3075-6134; 55 (91) 3075-6135; 55 (91) 3075-6131

Website: masto.czo@museu-goeldi.br; **Data availability:** Digitized collection database; Specify and Excel database; GBIF; **Holdings:** 45464 specimens; 41 holotypes; **Tissues:** 1772 (ETOH); **Taxonomic emphasis:** Chiroptera, Rodentia, and Primates; **Geographic emphasis:** Amazonia; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

PARAIBA

Universidade Federal da Paraíba (UFPB)

Coleção de Mamíferos, Paraíba, Brazil

Contact: N/A

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 6520 specimens; 7 holotypes; **Tissues:** None; **Taxonomic emphasis:** Didelphimorphia, Chiroptera, Primates, Rodentia, and Cetacea; **Geographic emphasis:** Northeastern Brazil, primarily Caatinga, Atlantic Forest and the transition between Caatinga and Cerrado; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey (data from Bezerra 2012).

ASM accreditation: None.

PARANA

Museu de Historia Natural "Capão da Imbuia" (MHNCI)

Seção de Mastozoologia, Rua Benedito Conceição 407, 82.810-080 Curitiba, Parana, Brasil

Contact: Benedito Conceição (mhnci@smma.curitiba.pr.gov.br), 55-41-3313-5482

Additional contacts: N/A 55-41-3313-5481

Website: <http://mhnci.webnode.com/>; **Data availability:** Digitized collection database; SpeciesLink (<http://www.splink.org.br>); **Holdings:** 8149 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** State of Parana; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey (data from SpeciesLink, updated contact info via website).

ASM accreditation: None.

PERNAMBUCO

Universidade Federal de Pernambuco (UFPE)

Coleção de mamíferos, Recife, Pernambuco, Brazil

Contact: N/A

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 3370 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Chiroptera; **Geographic emphasis:** Northeast Brazil; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey (data from Bezerra 2012).

ASM accreditation: None.

RIO DE JANEIRO

Universidade Federal do Rio de Janeiro, Museu Nacional (MN)

Coleção de Mamíferos, Quinta de Boa Vista, São Cristóvão 20940-040, Rio de Janeiro, Brasil

Contact: Luiz Flamarion de Oliveira (LFBOMN@omega.lncc.br), 55-21-264-8262

Additional contacts: Joao Alves de Oliveira (jaoliv@omega.lncc.br)

Website: None; **Data availability:** Digitized collection database;

<http://www.sibbr.gov.br/areas/?area=explorar>; **Holdings:** 100000 specimens; 109 holotypes;

Tissues: None; **Taxonomic emphasis:** Primates, Rodentia; **Geographic emphasis:** Brazil; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997 (updated collection info via website).

ASM accreditation: None.

Coleção Adriano Lúcio Peracchi (UFRRJ)

Instituto de Biologia da Universidade Federal Rural do Rio de Janeiro, Rio de Janeiro, Brazil

Contact: N/A

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 17000 specimens; 0 holotypes; **Tissues:**

None; **Taxonomic emphasis:** Chiroptera; **Geographic emphasis:** Southeast Brazil; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey (data from Bezerra 2012).

ASM accreditation: None.

RIO GRANDE DO SUL

Museu de Ciências Naturais (MCN (FZB/RS))

Coleção de Mastozoologia, Fundação Zoobotânica do Rio Grande do Sul, Avenida Salvador

França 1427, 90.690 Porto Alegre, Rio Grande do Sul, Brasil

Contact: Márcia Maria de Assis Jardim (marcia-jardim@fzb.rs.gov.br), 55-51-336-1511

Additional contacts: Tatiane Campos Trigo (mcn@fzb.rs.gov.br)

Website: <http://www.mcn.fzb.rs.gov.br/>; **Data availability:** Hardcopy collection catalog;

Holdings: 4000 specimens; 2 holotypes; **Tissues:** 200 (alcohol); **Taxonomic emphasis:** N/A;

Geographic emphasis: Rio Grande do Sul and Ceará; **Other incorporated collections:** None;

Former acronyms: None.

Survey data: 2007 survey (updated contact and collection info via website).

ASM accreditation: None.

Pontificia Universidade Catolica do Rio Grande do Sul (PUCRS)

Coleção de Mamíferos, Porto Alegre, Rio Grande do Sul, Brasil

Contact: N/A

Additional contacts: N/A

Website: None; **Data availability:** Digitized collection database; SpeciesLink

(<http://www.splink.org.br>); **Holdings:** 1120 specimens; 0 holotypes; **Tissues:** None; **Taxonomic**

emphasis: N/A; **Geographic emphasis:** Rio Grande do Sul; **Other incorporated collections:**

None; **Former acronyms:** None.

Survey data: 2017 survey (data from SpeciesLink).

ASM accreditation: None.

SÃO PAULO

Museu de Zoologia “Prof. Adão José Cardoso” (ZUEC-MAM)

Universidade de Campinas, Campinas, São Paulo, Brazil

Contact: N/A

Additional contacts: N/A

Website: *None*; **Data availability:** *Digitized collection database; SpeciesLink*

(<http://www.splink.org.br>), VertNet, GBIF; Holdings: 2542 specimens; 0 holotypes; Tissues:

None; Taxonomic emphasis: N/A; Geographic emphasis: N/A; Other incorporated collections: None; Former acronyms: None.

Survey data: *2017 survey (data from Bezerra 2012).*

ASM accreditation: *None.*

Universidade de São Paulo, Museu de Zoologia (MZUSP)

Mastozologia, Avenida Nazaré 481, São Paulo, São Paulo, 04263-000, Brazil

Contact: Mario de Vivo (mdvivo@usp.br), 55-11-2065-8146

Additional contacts: Juliana Gualda de Barros (jgbarros@usp.br), 55-11-6165-8105

Website: www.mz.usp.br; **Data availability:** *Hardcopy collection catalog; Beginning digitization of data; Holdings: 50000 specimens; 34 holotypes; Tissues: 3000 – 4000 (alcohol in freezer);*

Taxonomic emphasis: *Brazilian mammals in general; good collections of Brazilian Primates, Rodentia, and Chirpotera; Geographic emphasis: Brazil; Other incorporated collections: None; Former acronyms: None.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

CANADA

ALBERTA

Banff Park Museum National Historic Site of Canada (BPM NHSC)

93 Banff Avenue, Box 900, Banff, T1L 1K2, Alberta, Canada

Contact: Greg Joyce (greg.joyce@pc.gc.ca), 403-762-1557

Additional contacts: Michael Gair (michael.gair@pc.gc.ca), 403-762-1573

Website: <http://www.pc.gc.ca>; **Data availability:** *Hardcopy collection catalog; Holdings: 118 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Historic collection composed primarily of taxidermy mounts; Geographic emphasis: Rocky Mountains National Park; most were collected by Norman Bethune Sanson, curator from 1896-1932; Other incorporated collections: None; Former acronyms: None.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

Mammalogy Program, Royal Alberta Museum (no acronym currently used)

Mammalogy Program, 12845 - 102 Avenue, Edmonton, Alberta T5N 0M6, Canada

Contact: Mark Edwards (mark.edwards@gov.ab.ca), 780-453-9125

Additional contacts: Bill Weimann (bill.weimann@gov.ab.ca), 780-453-9180

Website: www.royalalbertamuseum.ca; **Data availability:** *Digitized collection database;*

Holdings: *20700 specimens; 0 holotypes; Tissues: 890 (frozen (-85°C)); Taxonomic emphasis:*

N/A; Geographic emphasis: province of Alberta and adjacent jurisdictions in western North America; Other incorporated collections: None; Former acronyms: PMA.

Survey data: 2017 survey.

ASM accreditation: 1985.

University of Alberta, Museum of Zoology (UAMZ)

Mammal Collection, Edmonton, Alberta T6G 2E9, Canada

Contact: Andrew Derocher (derocher@ualberta.ca), (780) 492-5570

Additional contacts: N/A

Website: None; Data availability: Digitized collection database;

<http://naturalscienceportal.museums.ualberta.ca/>; [VertNet](#), GBIF; Holdings: 10000 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Global representation from 16 orders and 76 families; Geographic emphasis: worldwide, with strong representation from Northwestern Canada; Other incorporated collections: None; Former acronyms: None.

Survey data: Yates et al. 1987 (updated contact and collection info via website).

ASM accreditation: 1985.

BRITISH COLUMBIA

Royal British Columbia Museum (formerly British Columbia Provincial Museum) (RBCM)

Natural History Collections Section, 675 Belleville Street, Victoria, British Columbia V8W 9W2, Canada

Contact: Gavin Hanke (ghanke@royalbcmuseum.bc.ca), 250-952-0479

Additional contacts: Lesley M. Kennes (lkennes@royalbcmuseum.bc.ca), 250-387-1216

Website: www.royalbcmuseum.bc.ca/; Data availability: Digitized collection database;

<http://objectdb.royalbcmuseum.bc.ca/>; Holdings: 20000 specimens; 24 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: British Columbia; Other incorporated collections: None; Former acronyms: BCPM.

Survey data: 2017 survey.

ASM accreditation: 1976.

University of British Columbia, Department of Zoology, Cowan Vertebrate Museum (UBC)

6270 University Boulevard, Vancouver, British Columbia V6T 1Z4, Canada

Contact: Rex D. Kenner (vertmus@zoology.ubc.ca), 604-822-4665

Additional contacts: James N.M. Smith (smith@zoology.ubc.ca), 604-822-3363

Website: None; Data availability: Digitized collection database; via contact with the curator; GBIF; Holdings: 17000 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A;

Geographic emphasis: British Columbia and Yukon Territory, Canada; Other incorporated collections: Kenneth Racey Collection, A.C. Brooks Collection; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: 1975.

MANITOBA

The Manitoba Museum (MM)

190 Rupert Avenue, Winnipeg, Manitoba R3B 0N2, Canada

Contact: Randall D. Mooi (rmooi@manitobamuseum.ca), 204-988-0659

Additional contacts: Janis Klapecki (jklapecki@manitobamuseum.ca), 204-988-0620

Website: None; **Data availability:** Digitized collection database; only via curator or collection manager; **Holdings:** 24200 specimens; 0 holotypes; **Tissues:** Very few, mostly rare carnivores (100% EtOH); **Taxonomic emphasis:** 70 families represented, but almost half of specimens are Muridae (11,300), then Soricidae (4,650), Mustelidae (2,530), and Sciuridae (2,060); Carnivora (3,300); **Geographic emphasis:** regional (20,600 Manitoba); 2,500 from elsewhere in Canada, but 20+ countries represented; **Other incorporated collections:** Delta Waterfowl Research Station, Atomic Energy of Canada Ltd., Whiteshell Nuclear Research Establishment (WNRE), University of Manitoba Zoological Museum (UMAN, in part); **Former acronyms:** MMMN.

Survey data: 2017 survey.

ASM accreditation: None.

NEW BRUNSWICK

New Brunswick Museum (NBM)

277 Douglas Avenue, Saint John, New Brunswick E2K 1E5, Canada

Contact: Donald F. McAlpine, 506-643-2345

Additional contacts: N/A

Website: <http://www.nbm-mnb.ca/index.php/collections-a-research-56/natural-sciences/collections/zoology>; **Data availability:** Digitized collection database; online collection database; Gbif **Holdings:** 15000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Cetacea, Chiroptera; contains another 10,000 uncatalogued specimens; **Geographic emphasis:** New Brunswick; **Other incorporated collections:** N. Rae Brown Collection (NRBC), Carleton University collection, Arnold Alward trophy collection (400 mounts); **Former acronyms:** None. **Survey data:** 2017 survey (Tentative acronym assigned by the authors).

ASM accreditation: None.

NOVA SCOTIA

Acadia University, Wildlife Museum (AUW)

Department of Biology, 33 Westwood Avenue, Wolfville, Nova Scotia B0P 1X0, Canada

Contact: Fred Scott (biology@acadiau.ca), 902-585-1720

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 2100 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** **Geographic emphasis:** N/A; **Other incorporated collections:** None; **Former acronyms:** AUM.

Survey data: 2007 survey (updated contact info via website).

ASM accreditation: None.

Nova Scotia Museum (NSM)

1747 Summer Street, Halifax, Nova Scotia B3H 3A6, Canada

Contact: Andrew J Hebda (Andrew.hebda@novascotia.ca), 902-424-6455

Additional contacts: Laura Bennett (laura.bennett@novascotia.ca), 902-424-6453

Website: None; **Data availability:** Digitized collection database; Through curatorial contact; **Holdings:** 2000 specimens; 0 holotypes; **Tissues:** some (some dry, some alcohol (95% EtOH) and some in DMSO); **Taxonomic emphasis:** mixed; **Geographic emphasis:** primarily Nova Scotia Canada; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.
ASM accreditation: None.

ONTARIO

Algonquin Park Museum (formerly Algonquin Provincial Park) (APM)

Algonquin Visitor Centre, Algonquin Provincial Park, Box 219, Whitney, Ontario K0J 2M0, Canada

Contact: Rick Stronks (rick.stronks@ontario.ca), 613-637-2828

Additional contacts: David LeGros (David.LeGros@ontario.ca), 613-637-2828

Website: None; **Data availability:** N/A; **Holdings:** 354 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** local emphasis (Algonquin Park); **Other incorporated collections:** None; **Former acronyms:** APP.

Survey data: 2017 survey.

ASM accreditation: None.

Canadian Museum of Nature (formerly National Museum of Natural Sciences) (CMN)

1740 Pink Road, Gatineau, Quebec J9J 3N7, Mammal Collection, P.O.Box 3443 Station "D", Ottawa, Ontario K1P 6P4, Canada

Contact: Kamal Khidas (kkhidas@mus-nature.ca), 613-364-4098

Additional contacts: Michel Gosselin (MGOSSELIN@mus-nature.ca), 613-566-4291

Website: <http://nature.ca/en/research-collections/collections/animals>; **Data availability:** Digitized collection database; <http://collections.nature.ca/en/Search/Index>; GBIF; **Holdings:** 56077 specimens; 58 holotypes; **Tissues:** None; **Taxonomic emphasis:** significant holdings of Canadian species, Nearctic species, and North Atlantic cetaceans; **Geographic emphasis:** Canada; **Other incorporated collections:** Canadian Wildlife Service, the Arctic Biological Station marine mammal collection, C. H. Buckner Collection, Leo Jobin Collection, Arthur Martel Collection, and the Wistar Institute Collections (part); **Former acronyms:** NMC;

Survey data: 2017 survey.

ASM accreditation: 1975, 1987.

Ministry of Natural Resources (MNR)

Wildlife Resources, P.O. Box 5000, Maple, Ontario L6A 1S9, Canada

Contact: Ed Addison (addisoed@epo.gov.on.ca), 905-832-7124

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 2419 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** skeletal material of Carnivora; **Geographic emphasis:** Ontario; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

Royal Ontario Museum (ROM)

Department of Natural History, Mammalogy Section, 100 Queen's Park, Toronto, Ontario M5S 2C6, Canada

Contact: Burton K. Lim (burtonl@rom.on.ca), 416-586-5771

Additional contacts: Jacqueline Miller (jmiller@rom.on.ca), 416-586-5768

Website: www.rom.on.ca; **Data availability:** Digitized collection database; Vertnet, GBIF; **Holdings:** 125000 specimens; 27 holotypes; **Tissues:** 23000 (frozen); **Taxonomic emphasis:** comprehensive, worldwide collection of Chirptera; **Geographic emphasis:** significant holdings of mammals of Ontario, the northern Neotropics, and southeast Asia; **Other incorporated collections:** O. J. Barton, J. G. Williams, R. G. Lanning, R. E. Mumford, R. Brooman, D. A. Smith collections; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1975, 1995.

University of Guelph (UGDZ)

Department of Zoology, Guelph, Ontario N1G 2W1, Canada
Contact: Leslie Rye (lrye@uoguelph.ca), 519-824-4120, ext. 56129
Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 2086 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional emphasis; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: Hafner et al. 1997 (updated contact info via website).
ASM accreditation: None.

QUEBEC

McGill University, Redpath Museum (RM)

859 Sherbrooke Street West, Montreal, Quebec H3A 2K6, Canada
Contact: Virginie Millien (virginie.millien@mcgill.ca), 514-398-4849

Additional contacts: Anthony Howell (zootech.redmuse@mcgill.ca), 514-398-4086 ext. 00988
Website: None; **Data availability:** N/A; **Holdings:** 4000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** small mammals; **Geographic emphasis:** Quebec; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Université Laval, Collection de Vertébrés (formerly Musée Prorancher) (CVUL)

Department of Biology, Sainte-Foy, Quebec G1K 7P4, Canada
Contact: Gisèle Deschênes-Wagner (Gisele.Wagner@bibl.ulaval.ca), 418-656-2497
Additional contacts: (collections@bibl.ulaval.ca), 418-656-2131

Website: None; **Data availability:** N/A; **Holdings:** 3900 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional emphasis; **Other incorporated collections:** None; **Former acronyms:** MP.
Survey data: 2017 survey.
ASM accreditation: None.

SASKATCHEWAN

Royal Saskatchewan Museum (RSKM)

2340 Albert Street, Regina, Saskatchewan S4P 2V7, Canada
Contact: Ray Poulin (Ray.Poulin@gov.sk.ca), 306-787-2801
Additional contacts: Alison Walker (Alison.Walker@gov.sk.ca), 306-787-4852

Website: None; **Data availability:** Digitized collection database; **Holdings:** 2250 specimens; 0 holotypes; **Tissues:** 230 (-80 C); **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional emphasis - Saskatchewan; **Other incorporated collections:** None; **Former acronyms:** SMNH, RSM.

Survey data: 2017 survey.

ASM accreditation: None.

University of Regina (USRC)

Biology Department, Regina, Saskatchewan S4S 0A2, Canada

Contact: R.M. Brigham (mark.brigham@uregina.ca), 306-585-4255

Additional contacts: Harold Weger (harold.weger@uregina.ca), 306-585-4479

Website: None; **Data availability:** N/A; **Holdings:** 250 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** collection used for teaching only; **Geographic emphasis:** N/A; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

CHILE

CONCEPCIÓN

Museo de Historia Natural de Concepción (MHNC)

Colección Mastozoológica, Maipú 2359, Casilla de Correo 1054, Concepción, Chile

Contact: Juan Franklin Troncoso (ftroncosofierro@gmail.com), 56-41-310932

Additional contacts: Marco Sánchez Aguilera (musconce@surnet.cl)

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 120 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** mostly taxidermy displays; **Geographic emphasis:** N/A; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey (updated contact and collection info via website).

ASM accreditation: None.

Museo de Zoología de la Universidad de Concepción, Colecciones Científicas de Referencia (MZUC-UCCC)

Departamento de Zoología, Facultad de Ciencias Naturales y Oceanográficas, Universidad de Concepción, Casilla 160-C, Concepción, Chile

Contact: Jorge N. Artigas (mzuc@udec.cl), 56-41-203880

Additional contacts: Elvira Solar Salazar, Minerva Contreras Garrido, Jorge N. Artigas (elsolar@udec.cl, jartigas@udec.cl)

Website: panorama@udec.cl; **Data availability:** Digitized collection database; **Holdings:** 1899 specimens; 0 holotypes; **Tissues:** some (alcohol (70%)); **Taxonomic emphasis:** Small mammals, primarily Rodentia; **Geographic emphasis:** exclusively Chilean mammals; **Other incorporated collections:** Rodent collections of Dieter Reise (1975) and the small mammals of Guillermo Mann (1977); **Former acronyms:** None.

Survey data: 2017 survey (updated collection info via website).

ASM accreditation: None.

MAGALLANES

Pabellón de Colecciones Biológicas "Prof. Edmundo Pisano" (CZIP)

Universidad de Magallanes, Intituto de la Patagonia, Av. Bulnes, 01890, Punta Arenas, Magallanes, Chile

Contact: Carlos Ríos, Director (carlos.rios@umag.cl)

Additional contacts: N/A

Website: <http://www.coleccionesbiologicasidep.cl/index.html>; **Data availability:** Digitized collection database; **Holdings:** 1800 specimens; 0 holotypes; **Tissues:** some tissues of Cetacea (alcohol); **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** southern Chile; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey (updated contact info via website).

ASM accreditation: None.

SANTIAGO

Colección de Flora y Fauna Profesor Patricio Sánchez Reyes (SSUC)

Pontificia Universidad Católica de Chile, Campus Casa Central, Alameda Bernardo O'Higgins, No 340, Santiago, Chile

Contact: Patricio Zavala Fernández (Sasistem@puc.cl), 562-354-2728

Additional contacts: Eduardo Palma Vásquez (epalma@bio.puc.cl), 562-354-2192

Website: www.bio.puc.cl; **Data availability:** Digitized collection database; **Holdings:** 2578 specimens; 1 holotype; **Tissues:** 2100 (most frozen at -80C, others in ETOH); **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Center and South of Chile and Patagonia, but also some specimens from the north of Chile; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Museo Nacional de Historia Natural (MNHN)

Colección Mastozoológica, Sección Zoología, Casilla 787, Santiago de Chile, Chile

Contact: Jhoann Canto, Director (Jhoann.Canto@mnhn.cl)

Additional contacts: Bárbara Toro (barbara.toro@mnhn.cl)

Website: www.mnhn.cl; **Data availability:** Digitized collection database; **Holdings:** 2000 specimens; 18 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** exclusively Chilean mammals; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey (updated contact and collection info via website).

ASM accreditation: None.

Universidad de Chile, Laboratorio de Citogenética de Mamíferos (LCM)

Departamento de Biología Y Genética, Facultad de Medicina, Independencia 1027, Casilla 70061, Medicina Norte, Santiago 7, Chile

Contact: Angel Spotorno (aspotorn@med.uchile.cl), 56-2-6786469

Additional contacts: Laura Walker

Website: None; **Data availability:** Digitized collection database; aspotorn@med.uchile.cl; **Holdings:** 2000 specimens; 0 holotypes; **Tissues:** some (frozen and alcohol); **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Chile; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey.

ASM accreditation: None.

VALDIVIA

Universidad Austral de Chile (UACH)

Colección de Mamíferos, Casilla 567, Valdivia, Chile

Contact: Guillermo D'Elia (guille.delia@gmail.com)

Additional contacts: Fredy Mondaca

Website: None; **Data availability:** Digitized collection database; Excel database; **Holdings:** 10000 specimens; 4 holotypes; **Tissues:** 1000 (frozen and alcohol); **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** southern Chile; **Other incorporated collections:** None; **Former acronyms:** IEEUACH.

Survey data: 2017 survey.

ASM accreditation: None.

VALPARAISO

Museo de Historia Natural de Valparaiso (MHNV)

Colección de Mamíferos, Condell 1546, Casilla 3208 Correo 3, Valparaiso, Chile

Contact: Sergio Quiroz Jara (sergio.quiroz@museosdibam.cl), 56-32- 2544841

Additional contacts: Loredana Rosso Elorriaga (loredana.rosso@museosdibam.cl), 32- 2544849

Website: None; **Data availability:** N/A; **Holdings:** 1154 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Lagomorpha and Rodentia; **Geographic emphasis:** Central Chile; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey (updated contact and collection info via website).

ASM accreditation: None.

COLOMBIA

BOGOTÁ

Instituto de Ciencias Naturales (ICN)

Colección de mamíferos "Alberto Cadena García", Ciudad Universitaria, Carrera 30 # 45-03, Edificio 425, primer piso, Apartado 7495, Bogotá D.C., 11321, Colombia

Contact: Hugo Fernando López Arévalo (mamiferos_fcbog@unal.edu.co), 571- 3165000 ext 11525

Additional contacts: Jose Carmelo Murillo (inscien_bog@unal.edu.co), 571-316500 ext 11503

Website: <http://www.biovirtual.unal.edu.co/ICN/>; **Data availability:** Digitized collection database; <http://www.biovirtual.unal.edu.co/ICN/>; GBIF (partial – 5458 specimens); **Holdings:** 22000 specimens; 10 holotypes; **Tissues:** 250 (ethanol 96%); **Taxonomic emphasis:** mostly small mammals of Columbia; Digital records of large and medium size mammals of Colombia, hairs samples and footprints, educational collection; **Geographic emphasis:** Colombia; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Museo de Historia Natural de la Pontificia Universidad Javeriana (MPUJ)

Facultad de Ciencias, Carrera 7 No. 43-82 - Edificio Carlos Ortíz, S.J. (52) piso 5° Oficina 521, Bogotá D.C., Colombia

Contact: Jairo Pérez-Torres (jaiperez@javeriana.edu.co)

Additional contacts: Dimitri Forero Fuentes, (571) 3208320 Ext. 4071

Website: [//ciencias.javeriana.edu.co/investigacion/colecciones-biologicas](http://ciencias.javeriana.edu.co/investigacion/colecciones-biologicas); **Data availability:** Digitized collection database; GBIF; **Holdings:** 2060 specimens; 0 holotypes; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** Andes (cordillera oriental and central), Caribbean region and the Orinoquia; **Other incorporated collections:** None; **Survey data:** 2017 survey – info from website.

ASM accreditation: None.

BOYACÁ

Instituto Alexander von Humboldt - Colección de Mamíferos (IAvH-M),

Claustro San Agustín, Carrera 8 No. 15-08, Villa de Leyva, 57, Boyacá, Colombia

Contact: Claudia A. Medina (coleccionesbiologicas@humboldt.org.co), 57 8 7320791

Additional contacts: Socorro Sierra (msierra@humboldt.org.co)

Website: <http://www.humboldt.org.co/es/servicios/colecciones-biologicas/vertebrados>; **Data availability:** Digitized collection database; <http://data.sibcolombia.net/conjuntos/resource/17>; GBIF; **Holdings:** 9394 specimens; 0 holotypes; **Tissues:** 64 (frozen); **Taxonomic emphasis:** all species of Primates in Colombia, high representation of Chiroptera; **Geographic emphasis:** Colombia; **Other incorporated collections:** La Unidad de Investigación "Federico Medem"-Inderena (IND-M); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

VALLE DEL CAUCA

Universidad del Valle, Colección de Mamíferos (UV)

Departamento de Biología, Calle 13#100-00, Edificio 320, Espacio 31, Cali, 760032, Valle del Cauca, Colombia

Contact: Oscar Enrique Murillo García (oscar.murillo@correounivalle.edu.co), 572-3212170

Additional contacts: Alan Giraldo Lopez (alan.giraldo@correounivalle.edu.co), 572-321-2170

Website: <http://biologia.univalle.edu.co/index.php/colecciones>; **Data availability:** Digitized collection database; <http://ipt.biodiversidad.co/valle/resource?r=coleccion-mamiferos-univalle>; GBIF (partial – 5739 specimens); **Holdings:** 14000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia, Chiroptera, Didelphimorphia; **Geographic emphasis:** exclusively of Colombia; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

COSTA RICA

Museo Nacional de Costa Rica (MNCR)

Colección de Mastozoología, Departamento de Historia Natural, Apartado 749, San José, Costa Rica

Contact: Francisco Durán (fduran@museocostarica.go.cr), (506) 22337164

Additional contacts: Cecilia Pineda Calles (cpineda@museocostarica.go.cr), (506) 22337164
Website: None; **Data availability:** Digitized collection database; **Email to:** Jefe Historia Natural (Cecilia Pineda), Ecobiosis (<http://ecobiosis.museocostarica.go.cr/>); **Holdings:** 1977 specimens; 1 holotype; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Costa Rica; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Universidad de Costa Rica, Museo de Zoología (MZUCR)
Colección de Mamíferos, Escuela de Biología, San José, Costa Rica
Contact: Bernal Rodriguez H. (bernal.rodriguez@ucr.ac.cr), (506) 25115960
Additional contacts: Rita Vargas (RITA.VARGAS@ucr.ac.cr), (506) 25115966
Website: None; **Data availability:** Digitized collection database; **Send e-mail to curator;**
Holdings: 4600 specimens; 0 holotypes; **Tissues:** 160 (alcohol 70%); **Taxonomic emphasis:** Terrestrial mammals; **Geographic emphasis:** Costa Rica; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

CUBA

National Museum of Natural History of the Republic of Cuba (NMNHRC)
Plaza de Armas, Calle Obispo 61, Havana, Cuba
Contact: (museo@mnhnc.inf.cu), 7863 9370
Additional contacts: Soraida Fiol González (soraida@mnhnc.inf.cu)
Website: <http://www.mnhnc.inf.cu/es/colecciones-cientificas>; **Data availability:** Hardcopy collection catalog; **Holdings:** 6639 specimens; 18 holotypes (total and holotype numbers are for all vertebrates, not just mammals); **Tissues:** None; **Taxonomic emphasis:** Cuban mammals; **Geographic emphasis:** Cuba; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey (updated collection info via website).
ASM accreditation: None.

DOMINICAN REPUBLIC

Museo Nacional de Historia Natural Prof. Eugenio de Jesus Marcano (MNHN-PJM)
Plaza de la Cultura Juan Pablo Duarte, Calle César Nicolás Penson, Santo Domingo, República Dominicana.
Contact: Gabriel de los Santos (g.delossantos@mnhn.gov.do), 809-689-0106 ext. 232
Additional contacts: N/A
Website: <http://www.mnhn.gov.do/index.php/ciencia/colecciones-cientificas>; **Data availability:** Hardcopy collection catalog; **Holdings:** 737 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Local species; **Geographic emphasis:** Dominican Republic; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey (updated collection info via website).
ASM accreditation: None.

ECUADOR

AZUAY

Museo de Esqueletología Gabriel Moscoso Espinoza (MGMC)

Bolívar 657 y Borrero, Cuenca, Azuay ECU010117, Ecuador

Contact: Juan Pablo Martínez Moscoso (juanpablomartinezm@gmail.com), 593 984737231

Additional contacts: Rosa Elena Moreno (rositamorenob@gmail.com), 593 7 2821150

Website: www.esqueletologia.tk; **Data availability:** *Hardcopy collection catalog*; **Holdings:** 250 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Mammals, birds; **Geographic emphasis:** Ecuador; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

GUAYAS

Museo de Zoología de la Universidad de Guayaquil (MZUG)

(Formerly Museo de Ciencias Naturales, Colección "Gustavo Orcés")

Sección de Mastozoología, Campus Mapasingue, Universidad de Guayaquil-Facultad de Ciencias Naturales, Av. Juan Tanca Marengo s/n y Av. Raúl Gómez Lince, Casilla 5404, Guayaquil, Guayas, Ecuador

Contact: Félix Mang Ging Freire (mangingf@yahoo.com)

Additional contacts: Jaime Salas (jaimе.salasz@ug.edu.ec) 593-984-425062

Website: http://fccnugye.com/frm_contenido.aspx?modo=A&id=83; **Data availability:** *Hardcopy collection catalog*; **Holdings:** 690 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Chiroptera, Rodentia and Didelphimorphia; **Geographic emphasis:** exclusively coastal Ecuadorian mammals; **Other incorporated collections:** None; **Former acronyms:** MUGM.

Survey data: 2017 survey.

ASM accreditation: None.

Sala de Historia Natural - Museo Municipal de Guayaquil (MMG)

Calle Sucre entre Avenida Chile y Pedro Carbo, Guayaquil, Guayas, Ecuador

Contact: Erick Meza Andrade (eymandrade@gmail.com), 593-9-60109581

Additional contacts: Jaime Buestan 593-9-92252788

Website: www.museodeguayaquil.com; **Data availability:** *Digitized collection database*; **Holdings:** 160 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Primates and Carnivora; **Geographic emphasis:** exclusively Ecuadorian mammals; **Other incorporated collections:** None; **Former acronyms:** none; current acronym assigned by authors.

Survey data: 2017 survey.

ASM accreditation: None

PICHINCHA

Escuela Politécnica Nacional (EPN)

Colección de Vertebrados, Ladrón de Guevara E-11 253, P.O. Box 17-01-2759 Quito-Ecuador, Quito, Pichincha, Ecuador

Contact: Miguel Pinto B. (miguel.pinto@epn.edu.ec), 593-2-2236690

Additional contacts: Juan Pablo Carrera E. (jpcarrerae@gmail.com), 593-2-2976300 Ex. 6000

Website: <https://cienciasbiologicas.epn.edu.ec/>; **Data availability:** Digitized collection database; **Holdings:** 12500 specimens; 5 holotypes; **Tissues:** 200 (Liver and Muscle); **Taxonomic emphasis:** exclusively Ecuadorian mammals, some specimens are of special historical value; **Geographic emphasis:** Ecuador; **Other incorporated collections:** None; **Former acronyms:** MEPN.

Survey data: 2017 survey.

ASM accreditation: None.

**Instituto Nacional de Biodiversidad (DMMECN)
(Formerly Museo Ecuatoriano de Ciencias Naturales)**

División de Mastozoología, Rumipamba N° 341 y Avenida de Los Shyris, Parque La Carolina, Casilla Postal 07-07-8976, Quito, Pichincha, Ecuador

Contact: Jorge Brito M. (j.brito@mecn.gob.ec), 593-2-449825

Additional contacts: N/A

Website: <http://www.mecn.gob.ec/>; **Data availability:** Digitized collection database; **Holdings:** 4200 specimens; 2 holotypes; **Tissues:** 150 (Ethanol 96%); **Taxonomic emphasis:** Chiroptera and Rodentia; **Geographic emphasis:** exclusively Ecuadorian mammals; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Pontificia Universidad Católica del Ecuador, Museo de Zoología-Mamíferos (QCAZ)

Departamento de Ciencias Biológicas, Avenida 12 de Octubre (entre Patria y Veintemilla), Apartado 17-01-2184, Quito, Pichincha, Ecuador

Contact: Santiago F. Burneo (sburneo@puce.edu.ec), 593-2-2991700 Ext 1815

Additional contacts: María Alejandra Camacho (macamachom@puce.edu.ec), 593-2-2991700 Ext.1058

Website: <http://bioweb.puce.edu.ec/QCAZ/inicio>; **Data availability:** Digitized collection database; E-mail or personal communication with Curator; **Holdings:** 15100 specimens; 5 holotypes; **Tissues:** 12800 (Alcohol preserved and ultrafrozen liver and muscle, mostly); **Taxonomic emphasis:** Chiroptera and Rodentia: Cricetidae; **Geographic emphasis:** Amazonia; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 2011.

EL SALVADOR

Museo de Historia Natural de El Salvador (no acronym)

Colección de Mastozoología, Final Calle Los Viveros, Colonia Nicaragua, Barrio San Jacinto, Parque "Saburo Hirao", San Salvador, 503, El Salvador

Contact: Raquel Concepción Alvarado Larios (rcalvarado@cultura.gob.sv), 50322709228

Additional contacts: Eunice Echeverría (eecheverria@cultura.gob.sv), 50322701387

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 1992 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** No specific emphasis; **Geographic emphasis:** El Salvador (mostly); **Other incorporated collections:** Victor Hellbuyck's personal collection, ROM collection (local collections); **Former acronyms:** None.

Survey data: 2017 survey (Use the number "50" for the collection acronym, followed by a correlative number that belongs to the specimens. Note: Hafner assigned MUHNES; The collection is in the process of becoming a natural and cultural heritage museum for the state; **ASM accreditation:** None.

GUATEMALA

Museo de Historia Natural de la Universidad de San Carlos de Guatemala (USAC)

Calle Mariscal Cruz 1-56 zona 10, Guatemala City 01010, Guatemala

Contact: Sergio Guillermo Pérez Consuegra (peromyscussergioperezconsuegra@gmail.com), (502) 23346064/65

Additional contacts: N/A

Website: <http://www.facebook.com/MuseoDeHistoriaNaturalDeLaUsacMusnat>; **Data availability:** Digitized collection database; VertNet, GBIF; **Holdings:** 4400 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia, Chiroptera, Cetartiodactyla; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey

ASM accreditation: None.

MEXICO

AGUASCALIENTES

Universidad Autónoma de Aguascalientes (CMUAA)

Colección de Mamíferos, Av. Universidad # 940, Ciudad Universitaria, Aguascalientes, Aguascalientes 20130, México

Contact: Gilfredo de la Rive Hernandez (delariva_58@yahoo.com.mx)

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 801 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** State of Aguascalientes; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey (data from Lorenzo et al. 2012).

ASM accreditation: None.

BAJA MEXICO

Universidad Autónoma de Baja California (UABC)

Laboratorio de Vertebrados, Carretera Transpeninsular Ensenada-Tijuana No. 3917, Col. Playitas, Ensenada, 22860, México

Contact: Gorgonio Ruiz Campos (gruiz@uabc.edu.mx), 52 (646) 1744-560

Additional contacts: Aldo A. Guevara Carrizales (aldo.guevara@uabc.edu.mx), 52 (646) 1744-560

Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 1180 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** Baja California Peninsula; **Other incorporated collections:** None; **Former acronyms:** LV-UABC.

Survey data: 2017 survey.

ASM accreditation: None.

BAJA MEXICO SUR

Centro de Investigaciones Biológicas del Noroeste (CIB)

Colección de Mamíferos, Av. Instituto Politecnico Nacional, La Paz, Baja Mexico Sur 23096, México

Contact: Sergio Ticul Alvarez Castañeda (sticul@cibnor.mx), 52 (612) 1238-486

Additional contacts: Patricia Cortes Calva (pcortes@cibnor.mx), 52 (612) 1238-484

Website: None; **Data availability:** Digitized collection database; by request; **GBIF;** **Holdings:** 30000 specimens; 1 holotype; **Tissues:** 24000 (alcohol); **Taxonomic emphasis:** all mammals; **Geographic emphasis:** Mexico; **Other incorporated collections:** None; **Former acronyms:** CIBNOR.

Survey data: 2017 survey.

ASM accreditation: 2016.

Instituto Nacional de la Pesca (PNICMM-INP)

Centro Regional de Investigación Pasquera de La Paz, Km 1 Carretera a Pichilingüe, La Paz, Baja Mexico Sur 23000, México

Contact: Hector Perez Cortés N/A 52 (612) 1252-623

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 70 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** exclusively marine mammals; **Geographic emphasis:** Pacific Ocean; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Universidad Nacional Autónoma de Baja California Sur (UABSC)

Colección de Mamíferos, Km 5.5 Carretera al Sur, La Paz, Baja Mexico Sur 23000, México

Contact: Emelio Brajau, 52 (612) 1212-801, ext. 133

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 100 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** State of Baja California Sur; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

CAMPECHE

Universidad Autónoma de Campeche (CM-UAC)

Colección de Mamíferos, Avenida Héroe de Nacozari No.480, Colonia Héroe de Ncaozari, San Francisco de Campeche, Campeche 24070, México

Contact: Oscar Gustavo Retana Guiascón (ogretana@uacam.mx), 52 (981) 8119800 ext. 2030100

Additional contacts: Miriam Sahagun Arcila (msahagun@uacam.mx), 52 (981) 8119-800 ext. 2030100

Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 904 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Carnivora, Chiroptera,

Artiodactyla; **Geographic emphasis:** State of Campeche; **Other incorporated collections:** None; **Former acronyms:** CAMP.-MAM-230-10-09.

Survey data: 2017 survey.

ASM accreditation: None.

CHIAPAS

El Colegio de la Frontera Sur, Unidad San Cristóbal de Las Casas (ECO-SC-M)

Colección Mastozoológica de, Carretera Panamericana y Periférico Sur s/n, Apartado Postal 63, San Cristóbal de Las Casas, Chiapas 29290, México

Contact: Consuelo Lorenzo Monterrubio (clorenzo@ecosur.mx;clorenzo075@gmail.com), 52 (967) 6749-000 ext. 1309

Additional contacts: Jorge Bolaños Citalán (jbolanos@ecosur.mx, jcitalan@scl.ecosur.mx), 52 (967) 6749- 000 ext. 1308

Website: None; **Data availability:** Digitized collection database; via CONABIO, access 2.0 and Biotica 4.0; GBIF (partial – 2762 specimens); **Holdings:** 8120 specimens; 0 holotypes; **Tissues:** 3986 (frozen and OH); **Taxonomic emphasis:** small and medium mammals; **Geographic emphasis:** States of Chiapas, Oaxaca, Campeche, Yucatán and Quintana Roo; **Other incorporated collections:** None; **Former acronyms:** ECOCHM.

Survey data: 2017 survey.

ASM accreditation: 2008.

Instituto de Ciencias y Artes de Chiapas, Museo Zoológico (MZ-ICACH)

Colección de Mamíferos, Calzada Samuel León Brindis 151, Tuxtla Gutierrez, Chiapas 29000, México

Contact: Gustavo Rivera Velazques (grivera@unicach.edu.mx), 52 (961) 6121437

Additional contacts: Roberto Vidal Lopez (robevidal@yahoo.com)

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 1611 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** small and medium mammals; **Geographic emphasis:** State of Chiapas; **Other incorporated collections:** None; **Former acronyms:** None. **Survey data:** 2017 survey (data from Lorenzo et al. 2012).

ASM accreditation: None.

Secretaría de Medio Ambiente e Historia Natural (CZRMA)

Colección Zoológica Regional (Mammalia), Calzada de los Hombres Ilustres sin número, Colonia Centro s/n , Tuxtla Gutierrez, Chiapas 29000, México

Contact: Alejandra Riechers Pérez (alexriechers@yahoo.com.mx), 52 (961) 6112571

Additional contacts: N/A

Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 2679 specimens; 0 holotypes; **Tissues:** None; Wild mammals, primarily Rodentia and Chiroptera; **Geographic emphasis:** State of Chiapas; **Other incorporated collections:** None; **Former acronyms:** IHNMASTO.

Survey data: 2017 survey.

ASM accreditation: None.

DISTRITO FEDERAL

Colección Nacional de Mamíferos (CNMA)

Departamento de Zoología, Instituto de Biología, UNAM, Apartado Postal 70-153, Alcaldía Coyoacan, Mexico City, Distrito Federal 04510, México
Contact: Fernando A. Cervantes (fac@ib.unam.mx), 52 (55) 5622-9143
Additional contacts: Yolanda Hortelano Moncada, Julieta Vargas Cuenca (yolahm@ib.unam.mx, jvargas@ib.unam.mx), 52 (55) 5622-9143
Website: www.ib.unam.mx; **Data availability:** Digitized collection database; <https://datosabiertos.unam.mx/>; GBIF; **Holdings:** 48000 specimens; 13 holotypes; **Tissues:** 5000 (frozen); **Taxonomic emphasis:** all mammals; **Geographic emphasis:** Mexican mammals; **Other incorporated collections:** None; **Former acronyms:** IBUNAM.
Survey data: 2017 survey.
ASM accreditation: 1975, 1983.

Colección Osteológica de Referencia del Laboratorio de Arqueozoología "M. en C. Ticul Álvarez Solórzano" (DP)

Colección de Mamíferos, Moneda 16, col. Centro, Mexico City, Distrito Federal 6060, México
Contact: Ana Fabiola Guzmán (ana_guzman@inah.gob.mx), 52 (55) 55224-162
Additional contacts: Joaquín Arroyo Cabrales (arromatu@hotmail.com), 52 (55) 5522-4162
Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 2861 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Osteological material; **Geographic emphasis:** All Mexico, but includes Central American, American and Caribbean species; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Escuela Nacional de Ciencias Biológicas (ENCB)

Colección de Mamíferos, Plan de Ayala esquina prolongación Carpio, Mexico City, Distrito Federal 11340, México
Contact: Juan Carlos López Vidal (jvidal@ipn.mx), 52 (55) 7296-000, ext. 62421
Additional contacts: Cynthia Elizalde Arellano (thiaden@hotmail.com), 52 (55) 7296-000, ext. 62421
Website: None; **Data availability:** Digitized collection database; GBIF; **Holdings:** 43226 specimens; 4 holotypes; **Tissues:** None; **Taxonomic emphasis:** all mammals; **Geographic emphasis:** Mexican mammals; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey (data from Lorenzo et al, 2012).
ASM accreditation: None.

Universidad Autónoma Metropolitana, Unidad Iztapalapa (UAMI)

División de Ciencias Biológicas y de la Salud, Departamento de Biología, Av. San Rafael Atlixco No. 186, Colonia Vicentina, Mexico City, Distrito Federal 9340, México
Contact: José Ramírez Pulido (jrp@xanum.uam.mx), 52 (55) 58044692
Additional contacts: Noé González Ruiz (noegr@xanum.uam.mx), 52 (55) 5804-4692
Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 18281 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** small and medium mammals; **Geographic emphasis:** Mexico; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.

ASM accreditation: None.

Universidad Nacional Autónoma de México, Facultad de Ciencias (FCMM)

Colección Osteológica de Mamíferos Marinos, Apartado Postal 70-572, Mexico City, Distrito Federal 04510, México

Contact: María de Jesús Vázquez Cuevas (mjvc@correo.unam.mx), 52 (55) 5622-4918

Additional contacts: Luis Medrano Gonzalez (medranol@icmyl.unam.mx)

Website: *None*; **Data availability:** *Hardcopy collection catalog*; **Holdings:** *256 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *exclusively marine mammals*; **Geographic emphasis:** *Marine Mammals*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.
Survey data: *2017 survey (data from Lorenzo et al. 2012).*

ASM accreditation: None.

Universidad Nacional Autónoma de México, Facultad de Ciencias (MZFC-M)

Colección Osteológica de Mamíferos Marinos, Apartado Postal 70-572, Mexico City, Distrito Federal 04510, México

Contact: Livia Leon Paniagua (llp@ciencias.unam.mx), 25 (55) 5622-4800 ext. 44720

Additional contacts: Zamira Anahí Ávila Valle (zaav@ciencias.unam.mx), 52 (55) 5622-4800 ext. 44720

Website: *<http://uniciencias.fciencias.unam.mx/>*; **Data availability:** *Hardcopy collection catalog, digitization in progress; <http://uniciencias.fciencias.unam.mx/>*; **Holdings:** *9728 specimens; 2 holotypes*; **Tissues:** *8250 (frozen)*; **Taxonomic emphasis:** *Rodentia & Chiroptera*; **Geographic emphasis:** *Highlands of México*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: None.

DURANGO

Instituto Politécnico Nacional, Colección Regional Durango (Mammalia) (CRD)

Centro Interdisciplinario de Investigación para el Desarrollo Integral Regional, Calle Sigma 119, Fracc. 20 de Noviembre II, Durango, Durango 34220, México

Contact: Celia Lopez-Gonzalez (celialg@prodigy.net.mx), 52 (55) 7296 000 ext 82611

Additional contacts: Diego F. Garcia Mendoza (diegofgarciam@gmail.com), 52-618-8144540

Website: *None*; **Data availability:** *Digitized collection database; by request*; **Holdings:** *10500 specimens; 0 holotypes*; **Tissues:** *8000 (preserved in OH)*; **Taxonomic emphasis:** *small mammals primarily*; **Geographic emphasis:** *Northern Mexico except Baja California Peninsula*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: None.

GUANAJAUTO

Universidad de Guanajuato (UG)

Museo de Historia Natural Alfredo Dugès, Lascuráin de Retana No. 5 Col. Centro, Guanajuato, Guanajuato 36000, México

Contact: Gloria Eugenia Magaña Cota (gemc@ugto.mx, duges@ugto.mx), 52 (473) 7320-006 ext 1004, 1005

Additional contacts: Gabriela Gutiérrez Rodríguez (gabriela@ugto.mx), 52 (473) 7320-006 ext 1004, 1005

Website: None; **Data availability:** Digitized collection database; **Holdings:** 706 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** historical collection; **Geographic emphasis:** Central Mexico and other parts of the wordl; **Other incorporated collections:** None; **Former acronyms:** MADUG-MA.

Survey data: 2017 survey.

ASM accreditation: None.

MICHOACHÁN

Universidad Michoacana de San Nicolás de Hidalgo (CM-UMSNH)

Facultad de Biología, Ciudad Universitaria, Edificio "B4" (Planta baja), Morelia, Michoachán 58080, México

Contact: Arturo Nuñez Garduño (anunez @umich.mx), 52 (44) 3227-1567

Additional contacts: N/A

Website: None; **Data availability:** Digitized collection database; **Holdings:** 3500 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** State of Michoacán, Guanajuato, Colima; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

MORELOS

Universidad Autónoma de Morelos (CMC)

Colección de Mamíferos del CIBYC, Av. Universidsd # 1001 Col. Chamilpa , Cuernavaca, Morelos 62209, Mexico

Contact: Elizabeth Arellano Arenas (Elisabet@Uaem.Mx), 52 (777) 3207-019 Ext. 3305

Additional contacts: Francisco X. González Cózatl (xavier@uaem.mx), 52 (777) 3207-019 Ext. 3309

Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 3599 specimens; 0 holotypes; **Tissues:** some (Alcohol and frozen); **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Cloud Forest and Dry Forest of México; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

NUEVO LEÓN

Universidad Autónoma de Nuevo León (UANL)

Laboratorio de Mastozoología Dr. Bernardo Villa Ramírez, Facultad de Ciencias Biológicas, Av. Pedro de Alba S/N, Cd. Universitaria, San Nicolás de los Garza, Nuevo León 66451, México

Contact: Arturo Jiménez Guzmán (ajimenez@fcb.uanl.mx), 52 (81) 8329-4110 ext 6454

Additional contacts: José Antonio Niño Ramírez (jnino@fcb.uanl.mx), 52 (81) 8329-4110 ext 6454

Website: <http://www.fcb.uanl.mx/mastozoologia/>; **Data availability:** Digitized collection database; **Holdings:** 4311 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:**

Rodentia and Chiroptera; Geographic emphasis: Northeastern México; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey (data from Lorenzo et al. 2012).

ASM accreditation: None.

OAXACA

CIIDIR Oaxaca, Colección mastozoológica (OAX.MAN)

Colección de Mamíferos, Hornos 1003, Colonia Noche buena, Santa Cruz Xoxocotlán, Oaxaca, Oaxaca 71230, México

Contact: Miguel Briones (mbriones@ipn.mx), (951) 51-7-06-10 extensión 8-27-28

Additional contacts: Natalia Martín Regalado (coleccionmamiferos_CIIDIRoax@ipn.mx)

Website: <http://www.ciidiroaxaca.ipn.mx/mastozoologia/>; Data availability: Digitized collection database; Holdings: 5200 specimens; 0 holotypes; Tissues: 386 (70% Alcohol); Taxonomic emphasis: all mammals; Geographic emphasis: State of Oaxaca; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

PUEBLA

Benemerita Universidad Autónoma de Puebla (EB-BUAP)

Colección de Mamíferos, Boulevard Valsequillo y Av. San Claudio edificio 112 A, Ciudad Universitaria, Col. Jardines de San Manuel, C.P. 72570, Puebla, Puebla 72000, México

Contact: Jesús Martínez Vázquez (jesusmartnezv1328@gmail.com), 52 (222) 2295-500 ext. 7096

Additional contacts: Rosa María González Monroy (rosagonzalezm@hotmail.com), 52 (222) 2295-500 ext. 7077

Website: None; Data availability: Hardcopy collection catalog; Holdings: 980 specimens; 0 holotypes; Tissues: 300 (Ethanol); Taxonomic emphasis: Geographic emphasis: Research and education on fauna of State of Puebla; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

SONORA

Colección de Vertebrados del Instituto Tecnológico de Estudios Superiores de Monterrey-Guaymas y del Centro de Investigación en Alimentación y Desarrollo, Unidad Guaymas (ITESM-CIAD-GUAYMAS)

Colección de Mamíferos, Carretera al Varadero Nacional km 6.6, Col. Las Playitas, Guaymas, Sonora 85480, México

Contact: Juan Pablo Gallo-Reynoso (jpgallo@ciad.mx), 52 (622) 2252-428

Additional contacts: Janitzio Egidio-Villarreal (egidio@ciad.mx), 52 (622) 2252-822

Website: None; Data availability: Hardcopy collection catalog; Holdings: 332 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Marine mammals; Geographic emphasis: Northwestern Mexico and Gulf of California; Other incorporated collections: None; Former acronyms: ITESM-GUAYMAS.

Survey data: 2017 survey.

ASM accreditation: None.

VERACRUZ

Instituto de Investigaciones Biológicas, Universidad Veracruzana (IIBUV)

Colección de Mamíferos, Av. Luis Castelazo s/n Col. Industrial Las Animas, Xalapa, Veracruz 91190, México

Contact: Alvar Gonzalez Christen (agonzalez@uv.mx), 52 (228) 84189 00 ext 13413

Additional contacts: Christian Alejandro Delfín Alfonso (cada7305@gmail.com), 52 (228) 8418-900 ext 13413

Website: *None*; **Data availability:** *Hardcopy collection catalog; by request*; **Holdings:** *4200 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *small and medium mammals*; **Geographic emphasis:** *State of Veracruz*; **Other incorporated collections:** *None*; **Former acronyms:** *IIB-UV.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

YUCATAN

Universidad Autónoma de Yucatán, Facultad de Medicina Veterinaria y Zootecnia (UADY)

Km 15.5 de la Carretera Mérida-Xmatkuil, Apartado Postal 4-116 Itzimna, Merida, Yucatan 97000, México

Contact: Silvia F Hernandez Betancurt (hbetanc@correo.uady.mx), 52 (99) 9423-200

Additional contacts: Mirna Eréndira Estrella Martínez (mirna.estrella@correo.uady.mx)

Website: *None*; **Data availability:** *Digitized collection database*; **Holdings:** *1056 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *small and medium mammals*; **Geographic emphasis:** *Península of Yucatán*; **Other incorporated collections:** *None*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

NETHERLAND ANTILLES

Christoffel Park Museum (Savonet Museum) (CPM)

Carmabi Foundation, Piscaderabaai, P.O. Box 2090, Willemstad, Netherland Antilles

Contact: Leon P. J. J. Pors, 599-9-624242

Additional contacts: Adolphe O. Debrot

Website: *<http://www.savonetmuseum.org/savonet-museum-curacao/contact/>*; **Data availability:** *N/A*; **Holdings:** *41 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *mostly Cervidae*; **Geographic emphasis:** *N/A*; **Other incorporated collections:** *None*; **Former acronyms:** *None.*

Survey data: *Hafner et al. 1997 (updated contact and collection info via website).*

ASM accreditation: *None.*

PANAMA

Instituto Nacional de Cultura, Museo de Ciencias Naturales (INC)

Colección de Mamíferos Nacionales y Extranjeros, Apartado 662, Cuba y calles 29 y 30, Bella Vista., Panama City, Panama

Contact: 507-501-4125

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 86 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** collection used primarily for educational purposes; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997 (updated contact info via website).

ASM accreditation: None.

Universidad de Panama, Museo de Vertebrados (CM-MVUP)

Colección de Mamíferos, Departamento de Zoología, Facultad de Ciencias Naturales y Exactas, Apartado 6-2842, El Dorado, Panama

Contact: 523-6217

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 1000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Small mammals; **Geographic emphasis:** Panama; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997 (updated contact info via website).

ASM accreditation: None.

PARAGUAY

ALTO PARANA

Museo Itaipú Binacional (MIB)

Hernandarias, Alto Parana, Paraguay

Contact: Miguel Mendoza (museo@itaipu.gov.py/miguelm@itaipu.gov.py), 595 61 599 8673

Additional contacts: María Luisa Ortíz (malu_ortiz87@hotmail.com)

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 255 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Paraguay; **Other incorporated collections:** None; **Former acronyms:** None. (acronym assigned by authors).

Survey data: 2017 survey.

ASM accreditation: None.

BOQUERON

Centro Chaqueño de Conservación e Investigación (CCCI)

Filidelfia, Boqueron, Paraguay

Contact: Juan Campos (cccipy@gmail.com), (0975)173-452

Additional contacts: Iván Benítez. (ibenitez@cccipy.org)

Website: <http://www.cccipy.org/en/somos.php>; **Data availability:** N/A; **Holdings:** N/A; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Paraguay; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

CENTRAL

Museo Nacional de Historia Natural del Paraguay (MNHNP)

Ruta Mariscal Estig Arribia Km 10,5, San Lorenzo, Central XI, Paraguay

Contact: Isabel Gamarra de Fox (isabeldefox@yahoo.com)

Additional contacts: Teresa Florentín (musgosflorentin@gmail.com)

Website: <http://www.seam.gov.py/museo.html>; **Data availability:** Digitized collection database;

Holdings: 3400 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** exclusively mammals of Paraguay (Canindeyu Department, best represented); **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

DISTRITO CAPITAL

Centro de Mastozoología del Paraguay (CMP)

Raul Casal 2230 c/ Pizarro, Barrio Republicano, Asuncion, Distrito Capital 1371, Paraguay

Contact: Robert Owen (rowen@tigo.com.py), +595-981-498-048

Additional contacts: N/A

Website: None; **Data availability:** Digitized collection database; by request to collection manager; **Holdings:** 3270 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Paraguay; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

SAN PEDRO

Zoological Collections of Para La Tierra (PLT)

San Pedro, Paraguay

Contact: Jeremy K Dickens

(jeremy@paralatierra.org, jer Dickens@gmail.com or paralatierra.py@gmail.com), +595 982 908402 or +595 985 260074

Additional contacts: Karina Atkinson (0303540a@googlemail.com)

Website: None; **Data availability:** Digitized collection database; Collection database, accessible on request to museum curator; **Holdings:** 484 specimens; 0 holotypes; **Tissues:** 284 (EtOH); **Taxonomic emphasis:** **Geographic emphasis:** Paraguay; **Other incorporated collections:** None; **Former acronyms:** None. (acronym assigned by authors).

Survey data: 2017 survey.

ASM accreditation: None.

PERU

AREQUIPA

Universidad Nacional de San Agustín de Arequipa, Museo de Historia Natural (MUSA)

Escuela Profesional y Académica de Biología, Av. Alcides Carrión s/n, Cercado, Arequipa, Arequipa, Peru

Contact: Evaristo López Tejada (elopezt2001@yahoo.com), 51 54 429444

Additional contacts: Horacio Zeballos (horaciozeballos@gmail.com), 51 54 461423

Website: None; **Data availability:** Digitized collection database; By consulting the curator;

Holdings: 20100 specimens; 3 holotypes; **Tissues:** 3000 (Alcohol); **Taxonomic emphasis:** Small

mammals; **Geographic emphasis:** primarily mammals of southwestern Peru; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

LIMA

Colección Biológica del Centro de Ecología y Biodiversidad (CEBIOMAS)

Doña Hortencia MzA Lote 2. Residencial Victoria. Santiago de Surco. Lima 33, Peru

Contact: Erika Paliza (epaliza@cebioperu.org), +51989760026

Additional contacts: Frank Azorsa (fazorsa@cebioperu.org), +51997691233

Website: None; **Data availability:** Digitized collection database; Centro de Ecología y Biodiversidad web page; **Holdings:** 407 specimens; 1 holotype; **Tissues:** None; **Taxonomic emphasis:** Phyllostomidae and Andean Cricetidae; **Geographic emphasis:** Peruvian Andes (Cricetidae), Peruvian rainforest (Phyllostomidae); **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Universidad Nacional Mayor de San Marcos, Museo de Historia Natural (MUSM)

Departamento de Mastozoología, Avenida Arenales 1256, Apartado 140434, Lima-14, Peru

Contact: Víctor Pacheco (vpachecot@unmsm.edu.pe), 511-470 4471

Additional contacts: Elena Vivar (elenavivar@yahoo.es)

Website: <http://museohn.unmsm.edu.pe/index.php/div/zoo/depmast>; **Data availability:** Digitized collection database; by request; **Holdings:** 42140 specimens; 17 holotypes; **Tissues:** 2500 (alcohol); **Taxonomic emphasis:** Rodentia, Chiroptera, Didelphimorphia, Primates, Cingulata, Pilosa; **Geographic emphasis:** Peru; **Other incorporated collections:** None; **Former acronyms:** MHNJP.

Survey data: 2017 survey.

ASM accreditation: None.

SURINAME

National Zoological Collection of Suriname (NZCS)

University of Suriname, University complex Leysweg 86, Building 17, P.O. Box 9212, Paramaribo, Suriname

Contact: Paul. E. Ouboter, 597-465558, ext. 318

Additional contacts: Shamita A. Shadew (nzcs@uvs.edu)

Website: None; **Data availability:** Digitized collection database; <http://nzcs.uvs.edu/db/search.htm>; **Holdings:** 390 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Mostly Rodentia and Chiroptera; **Geographic emphasis:** from Suriname; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997 (updated contact and collection info via website).

ASM accreditation: None.

TRINIDAD AND TOBAGO

University of the West Indies (UWI)

Zoology Museum, University of the West Indies, Department of Life Sciences, Saint Augustine, Trinidad and Tobago

Contact: Mike Rutherford (Mike.Rutherford@sta.uwi.edu), (868) 662-2002 Ext. 82231

Additional contacts: Jennalee Ramnarine N/A 1 868 662 2002 ext. 82237

Website: <https://sta.uwi.edu/fst/lifesciences/TheCollections.asp>; **Data availability:** Digitized collection database; Past Perfect 5.0; <http://sta.uwi.edu/fst/lifesciences/collections>; collection partially digitized, currently in process of further digitization; GBIF within 18 months;

Holdings: 547 specimens; 0 holotypes; **Tissues:** 50; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional; **Other incorporated collections:** None; **Former acronyms:** None. (acronym assigned by authors).

Survey data: 2017 survey.

ASM accreditation: None.

UNITED STATES

ALABAMA

Anniston Museum of Natural History (AMNH-MC)

800 Museum Drive, Anniston, AL 36206, U.S.A.

Contact: Daniel D. Spaulding (dspaulding@annistonmuseum.org), 256-237-6766 ext 314

Additional contacts: Susan Doss (sdoss@annistonmuseum.org), 256-237-6766, x 315

Website: None; **Data availability:** Digitized collection database; **Holdings:** 530 specimens; 0 holotypes; **Tissues:** 217 (ethanol); **Taxonomic emphasis:** Bovidae, Felidae, Rodentia, Ursidae; **Geographic emphasis:** Africa, North America, Western Europe; **Other incorporated collections:** Gerald Powell Collection, John B. Lagarde Collection; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Auburn University Museum (AUM)

Department of Biological Sciences, 331 Funchess Hall, Auburn University, AL 36849-5414, U.S.A.

Contact: Troy L. Best (besttro@auburn.edu), 334-844-9260

Additional contacts: N/A

Website: <http://aumnh.org/research-collections/mammals/>; **Data availability:** Digitized collection database; Excel database; **Holdings:** 2000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** **Geographic emphasis:** primarily mammals of Alabama; **Other incorporated collections:** None; **Former acronyms:** AU.

Survey data: 2017 survey.

ASM accreditation: None.

University of South Alabama, Vertebrate Natural History Collection (USANHC)

Department of Biology, Mobile, AL 36688, U.S.A.

Contact: David H. Nelson (dnelson@southalabama.edu), 334-460-6331

Additional contacts: Ylenia Chiari (yleniachiar@southalabama.edu), (251) 460-7987

Website: None; **Data availability:** N/A; **Holdings:** 989 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** local species; **Geographic emphasis:** Alabama; **Other incorporated collections:** None; **Former acronyms:** USA.
Survey data: Hafner et al. 1997 (updated contact info via website).
ASM accreditation: None.

ALASKA

Alaska Department of Fish and Game (AFGMC)

333 Raspberry Road, Anchorage, AK 99503, U.S.A.

Contact: Donald G. Calkins, 907-267-2403

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 1200 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Alaska; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

Glacier Bay National Park and Preserve Museum (GBNM)

P.O.Box 140, Gustavus, AK 99826, U.S.A.

Contact: Allison Banks (allison_banks@nps.gov), 907-697-2611

Additional contacts: Michele Jespersen (michele_jespersen@nps.gov), 907-697-2606

Website: <http://www.nps.gov/glba>; **Data availability:** Digitized collection database; **ICMS:** **Holdings:** 82 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Small mammals; *Collection includes freeze-dried full mount-on site visitor center exhibit, study skins with or without skull at onsite museum storage, and study skins with skulls housed at University of Alaska Fairbanks Museum;* **Geographic emphasis:** Local species; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Pratt Museum (PM)

Collections Department, 3779 Bartlett Street, Homer, AK 99603, U.S.A.

Contact: Savanna Bradley (sbradley@prattmuseum.org), 907-435-3338

Additional contacts: N/A

Website: <http://www.prattmuseum.org/collections/natural-history/>; **Data availability:** Digitized collection database; *Contact Collection Manager;* **Holdings:** 550 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Marine mammal skeletons, including many articulated specimens; **Geographic emphasis:** Mostly Kachemak Bay, lower Kenai Peninsula, and lower Cook Inlet of Southcentral Alaska; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Alaska Museum (UAM)

Department of Mammalogy, 907 Yukon Drive, Fairbanks, AK 99775, U.S.A.

Contact: Link E. Olson (leolson@alaska.edu), 907-474-5998

Additional contacts: Aren M. Gunderson (amgunderson@alaska.edu), 907-474-6947
Website: <http://www.uaf.edu/museum/collections/mammal/>; **Data availability:** Digitized collection database; <http://arctos.database.museum>; Arctos, Vertnet, GBIF, BISON, iDigBio;
Holdings: 133657 specimens; 1 holotype; **Tissues:** 73497 (frozen in LN2 cryovats); **Taxonomic emphasis:** Marine mammals, particularly pinnipeds; arctic microtine rodents and shrews; alpine small mammals; **Geographic emphasis:** Arctic and subarctic regions, with an emphasis on Beringia, Southeast Alaska, and North Pacific and Arctic Oceans; **Other incorporated collections:** Naval Arctic Research Laboratory (NARL); **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1975, 1983, 2009.

ARIZONA

Arizona State University, Mammal Collection (ASUMAC)

School of Life Sciences, P.O. Box 874501, Tempe, AZ 85287-4501, U.S.A.

Contact: Charlotte Johnston (charlotte.johnston@asu.edu), 480-727-5860

Additional contacts: Nico Franz (nico.franz@asu.edu), 480-965-2036

Website: <https://sols.asu.edu/about/natural-history-collections>; **Data availability:** Digitized collection database; <http://swbiodiversity.org/seinet/index.php>; **Holdings:** 8500 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** United States only, emphasis on Arizona; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Collection of Mammals-University of Arizona (UA)

Department of Ecology and Evolutionary Biology, Tucson, AZ 85721, U.S.A.

Contact: Melanie Bucci (mebucci@email.arizona.edu), 520-621-7291

Additional contacts: Peter Reinthal (pnr.@email.arizona.edu), (520) 621-7518

Website: <http://www.eebweb.arizona.edu/collections/Mammal.htm>; **Data availability:** Digitized collection database; <http://eebweb.arizona.edu/collections/Mammal.htm>; VertNet, GBIF;

Holdings: 27814 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Arizona and Mexico; **Other incorporated collections:** None; **Former acronyms:** None, UAZ is acronym used in VertNet and GBIF.

Survey data: 2017 survey.

ASM accreditation: 1975, 1982.

Grand Canyon National Park Museum Collection (GRCA Museum Collection)

P.O. Box 129, Grand Canyon, AZ 86023, U.S.A.

Contact: Colleen Hyde and Kim Besom (colleen_hyde@nps.gov), 928-638-7769

Additional contacts: Kim Besom (kim_besom@nps.gov, colleen_hyde@nps.gov, GRCA_Museum_Collection@nps.gov), 928-638-7769

Website: None; **Data availability:** Digitized collection database; **Holdings:** 1700 specimens; 2 cotypes holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Grand Canyon National Park; **Other incorporated collections:** None; **Former acronyms:** GRCAMC.

Survey data: 2017 survey.

ASM accreditation: None.

Northern Arizona University, Museum of Vertebrates (NAUVM)

Department of Biological Sciences, Flagstaff, AZ 86011-5640, U.S.A.

Contact: Tad Theimer (Tad.Theimer@nau.edu), 928-523-8374

Additional contacts: N/A

Website: http://perceval.bio.nau.edu/MPCER_OLD/cpbc/vertebrate/index.html; **Data availability:** *Hardcopy collection catalog*; **Holdings:** 4627 specimens; 0 holotypes; **Tissues:** *None*; **Taxonomic emphasis:** *small mammals*; **Geographic emphasis:** *emphasis on Arizona, also Mexican and African bats*; **Other incorporated collections:** *None*; **Former acronyms:** *NAU*.
Survey data: 2017 survey.
ASM accreditation: *None*.

Petrified Forest National Park (PEFO)

1 Park Road, Petrified Forest, AZ 86028, U.S.A.

Contact: Matthew Smith (Matthew_E_Smith@nps.gov), 928-524-6228 ext. 240

Additional contacts: William Parker (William_Parker@nps.gov), (928) 524-6228 ext 262

Website: *None*; **Data availability:** *Digitized collection database*; **Holdings:** 100 specimens; 0 holotypes; **Tissues:** *None*; **Taxonomic emphasis:** *local species*; **Geographic emphasis:** *emphasizes local area*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.
Survey data: 2017 survey.
ASM accreditation: *None*.

Southwestern Research Station Mammal Collection (SWRS)

2003 West Cave Creek Road, Portal, AZ 85632, U.S.A.

Contact: Dawn S. Wilson (Director) (dwilson@amnh.org), 520-558-2396

Additional contacts: Diane Smith (dsmith@amnh.org), 520-558-2396

Website: <http://research.amnh.org/swrs>; **Data availability:** *Hardcopy collection catalog*; **Holdings:** 239 specimens; unknown holotypes; **Tissues:** *None*; **Taxonomic emphasis:** *local species*; **Geographic emphasis:** *Chiricahua Mountains*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.
Survey data: 2017 survey.
ASM accreditation: *None*.

Sunset Crater Volcano National Monument (SUCR)

Museum of Northern Arizona, 3101 N. Fort Valley Rd., Flagstaff, AZ 86001, U.S.A.

Contact: Gwenn Gallenstein (gwenn_gallenstein@nps.gov), 928-527-0322

Additional contacts: Janet Gillette (jgillette@mna.mus.az.us), 928-774-5214

Website: *None*; **Data availability:** *Digitized collection database*; **Holdings:** 1 specimens; 0 holotypes; **Tissues:** *None*; **Taxonomic emphasis:** *Rodentia*; **Geographic emphasis:** *from within Sunset Crater Volcano National Monument*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.
Survey data: 2017 survey.
ASM accreditation: *None*.

Walnut Canyon National Monument (WACA)

Museum of Northern Arizona, 3101 N. Fort Valley Rd., Flagstaff, AZ 86001, U.S.A.

Contact: Gwenn Gallenstein (gwenn_gallenstein@nps.gov), 928-527-0322

Additional contacts: Janet Gillette (jgillette@mna.mus.az.us), 928-774-5213
Website: None; **Data availability:** Digitized collection database; **Holdings:** 45 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** from within Walnut Canyon National Monument; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Wupatki National Monument (WUPA)

Museum of Northern Arizona, 3101 N. Fort Valley Rd., Flagstaff, AZ 86001, U.S.A.
Contact: Gwenn Gallenstein (gwenn_gallenstein@nps.gov), 928-527-0322
Additional contacts: Janet Gillette (jgillette@mna.mus.az.us), 928-774-5213
Website: None; **Data availability:** Digitized collection database; **Holdings:** 318 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** from within Wupatki National Monument; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

ARKANSAS

Arkansas State University, Collection of Recent Mammals (ASUMZ)

Department of Biology, P.O. Box 599, Little Rock, AR 72467-0599, U.S.A.
Contact: Thomas Risch (trisch@astate.edu), 870-972-3082
Additional contacts: Tracy Klotz (tklotz@astate.edu), 870-972-3082
Website: None; **Data availability:** Digitized collection database; Excel database; iDigBio, VertNet, GBIF; **Holdings:** 38000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Chiroptera, Eulipotyphla, Rodentia, Carnivora; **Geographic emphasis:** Arkansas, Missouri, Texas; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1976.

Henderson State University, Museum of Zoology (HSUMZ)

Department of Biology, Arkadelphia, AR 71999, U.S.A.
Contact: Renn Tumilson (TUMLISON@HSU.EDU), 501-230-5152
Additional contacts: N/A
Website: None; **Data availability:** Digitized collection database; Excel database; **Holdings:** 785 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** **Geographic emphasis:** local species, esp. Arkansas and Oklahoma; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

University of Arkansas at Little Rock, Vertebrate Collection (UALRVC)

Department of Biology, Little Rock, AR 72204, U.S.A.
Contact: Bobby Elder (blelder@ualr.edu), 501-569-3514
Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 6200 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** *Dasyopus, Mephitis and Peromyscus*; **Geographic emphasis:** local emphasis; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: Hafner et al. 1997 (updated contact info via website).
ASM accreditation: 1977.

University of Arkansas Fayetteville Museum Collections (UAFMC)

123 Biomass Research Center, 2435 N Hatch, University of Arkansas, Fayetteville, AR, 72701, U.S.A.

Contact: Nancy G. McCartney (nmccartn@uark.edu), 479-575-4370

Additional contacts: Mary Suter (msuter@uark.edu), 479-575-3456

Website: <http://fulbright.uark.edu/collections/>; **Data availability:** Digitized Collection Catalog, VertNet, GBIF, iDigBio. **Holdings:** 3950 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional, primarily Arkansas; **Other incorporated collections:** J.A. Sealander (UA Mammalogist) collection; **Former acronyms:** UADZ; UAMCZ.
Survey data: 2017 survey.
ASM accreditation: None.

CALIFORNIA

California Academy of Sciences (CAS)

Department of Ornithology and Mammalogy, California Academy of Sciences, 55 Music Concourse Drive, Golden Gate Park, San Francisco, CA, 94118, U.S.A.

Contact: Jack Dumbacher (jdumbacher@calacademy.org), 415-379-5377

Additional contacts: Maureen Flannery (mflannery@calacademy.org), 415-379-5371

Website: <http://research.calacademy.org/com>; **Data availability:** Digitized Collection Catalog, <http://collections.calacademy.org/mam/>, VertNet, GBIF; **Holdings:** 30443 specimens; 10 holotypes; **Tissues:** 2080 (frozen, EtOH, buffer); **Taxonomic emphasis:** Largest holdings are marine mammals; **Geographic emphasis:** USA Pacific Coast; **Other incorporated collections:** Stanford University Collection, San Francisco State University Collection; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975.

California Polytechnic State University, San Luis Obispo, Aryan I. Roest Mammal Collection (CPSU)

Biological Sciences Department, California Polytechnic State University, San Luis Obispo, CA, 93407, U.S.A.

Contact: V. L. Holland, 805-756-2789

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 2616 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

California State University, Chico, Vertebrate Museum (CSUC)

Vertebrate Museum, Biology Department, California State University, Chico, CA, 95929, U.S.A.
Contact: Raymond J. Barnett, 916-898-5356

Additional contacts: N/A

Website: None; **Data availability:** Digitized Collection Catalog, VertNet, GBIF; **Holdings:** 5198 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; Northern California; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

California State University, Fresno (CSUF)

Department of Biology, California State University, Fresno, CA, 93740-0073, U.S.A.

Contact: C. Kronberg, 209-278-2696

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 3900 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Rodentia (*Dipodomys* and *Thomomys*); **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

California State University, Long Beach (CSULB)

Department of Biological Sciences, California State University, 1250 Bellflower Blvd, Long Beach, CA, 90840-3702, U.S.A.

Contact: Theodore Stankowich (Theodore.Stankowich@csulb.edu), 562-985-4826

Additional contacts: Suellen Jacob (Suellen.Jacob@csulb.edu), 562-985-4883

Website: <http://web.csulb.edu/colleges/cnsm/collections/mammals/>; **Data availability:** Digitized Collection Catalog, <http://web.csulb.edu/colleges/cnsm/collections/mammals/>; VertNet, GBIF; **Holdings:** 12220 specimens; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional, including Mexico; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1979, 1980

California State University, Northridge (CSUN)

Department of Biology, California State University, Northridge, CA, 91330, U.S.A.

Contact: None.

Additional contacts: N/A.

Website: None; **Data availability:** **Holdings:** 1380 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Former acronyms:** None.

Survey data: Yates et al., 1987.

ASM accreditation: None.

California State University, Turlock (CSCS)

Department of Biological Sciences, California State University, Turlock, CA, 95380, U.S.A.

Contact: None.

Additional contacts: N/A.

Website: None; Data availability: Holdings: 1000 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: None; Former acronyms: None. Survey data: Yates et al., 1987. ASM accreditation: None.

Cheadle Center for Biodiversity and Ecological Restoration (MSE)

Harder South, Building 578, MS-9615, University of California, Santa Barbara, CA, 93106, U.S.A.

Contact: Mireia Beas-Moix (beas-moix@ccber.ucsb.edu), 805-893-2401

Additional contacts: Jennifer Thorsch (thorsch@lifesci.ucsb.edu), 805-893-2401

Website: <http://ccber.ucsb.edu/collections/zoological/mammology>; Data availability: Digitized Collection Catalog,

<http://www.lifesci.ucsb.edu/~mseweb/collections/mammology/specimen.html>; GBIF; Holdings: 2,500 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: Regional; south-central California, Nevada; Other incorporated collections: None; Former acronyms: UCSB.

Survey data: 2017 survey.

ASM accreditation: 1986.

Death Valley National Park (DEVA)

Cow Creek, National Park Service, P.O. Box 579, Death Valley, CA, 92328, U.S.A.

Contact: Greg Cox (greg_cox@nps.gov), 760-786-3258

Additional contacts: N/A.

Website: <http://www.nps.gov/deva/index.htm>; Data availability: Digitized Collection Catalog; Holdings: 384 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: Local; Death Valley; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Diablo Valley College Life and Health Sciences (DVC LHS)

Life and Health Sciences Building, Diablo Valley College, 321 Golf Club Road, Pleasant Hill, CA, 94523, U.S.A.

Contact: Lisa Brager (lbrager@dvc.edu), 925-969-2657

Additional contacts: John Freytag (freytag@dvc.edu), 925-969-2641

Website: None; Data availability: None; Holdings: 84 specimens; 0 holotypes; Tissues: 8; Taxonomic emphasis: None; Geographic emphasis: Regional; northern California; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Humboldt State University Vertebrate Museum (HSU)

Department of Biological Sciences, Humboldt State University, 1 Harpst St., Arcata, CA, 95521, U.S.A.

Contact: John Reiss (JohnReiss@humboldt.edu), 707-826-4156

Additional contacts: Thor Holmes (th32@humboldt.edu), 707-826-4872

Website: <http://www.humboldt.edu/%7Ebsa2/collection.html>; **Data availability:** Digitized Collection Catalog, VertNet, GBIF; **Holdings:** 8633 specimens; 0 holotypes; **Tissues:** 1200 (frozen); **Taxonomic emphasis:** Terrestrial and marine mammals; **Geographic emphasis:** Regional; also Great Basin (USA) and marine environments; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1984, 2004.

Lassen Volcanic National Park Collection (LAVO)

Redwood National Park, South Operations Center, P.O. Box 7, 121200 U.S. Highway 101 South, Orick, CA, 95555, U.S.A.

Contact: James O'Barr (james_o'barr@nps.gov), 707-465-7711

Additional contacts: Jason Mateljak (jason_mateljak@nps.gov), 530-595-6180

Website: None; **Data availability:** Digitized Collection Catalog. **Holdings:** 150 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; Lassen Volcanic National Park and northern California; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Monterey Peninsula College, Life Science Museum (MPC)

Life Sciences Building, Monterey Peninsula College, 980 Fremont St., Monterey, CA, 93940, U.S.A.

Contact: Kalen Edwards (kedwards@mpc.edu), 831-646-4126

Additional contacts: Kyle VanMeter (kvanmeter@mpc.edu), 831-646-4133

Website: <http://www.mpc.edu>; **Data availability:** Hardcopy Collection Catalog.

Holdings: 28 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local: emphasizes Hastings Natural History Reserve and Monterey area; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Museum of Wildlife and Fish Biology (MWFB)

Academic Surge Rm 1394, University of California, One Shields Avenue, Davis, CA, 95616, U.S.A.

Contact: Andrew Engilis, Jr. (aengilisjr@ucdavis.edu), 530-752-0364

Additional contacts: Irene E. Engilis (ieengilis@ucdavis.edu), 530-754-8813

Website: <http://mwfb.ucdavis.edu/>; **Data availability:** Digitized Collection Catalog;

<http://mwfb.ucdavis.edu/>; VertNet; **Holdings:** 12250 specimens; 1 holotype; **Tissues:** 4000 (frozen); **Taxonomic emphasis:** Largest holdings are Rodentia (Muridae) and Chiroptera, but with general representation of North American diversity. **Geographic emphasis:** Worldwide; western USA, southeast Asia, and Chile; **Other incorporated collections:** University of California Irvine; American River College (Sacramento CA); Mills College (Oakland CA), Northern Illinois University Mammal Collection, and other smaller collections; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 2011.

Natural History Museum of Los Angeles County (LACM)

Section of Birds and Mammals, 900 Exposition Boulevard, Los Angeles, CA, 90007, U.S.A.

Contact: Jorge Velez-Juarbe (jvelezjuar@nhm.org), 213-763-3404

Additional contacts: Jim Dines (jdines@nhm.org), 213-763-3400

Website: <https://nhm.org/site/research-collections/mammalogy>; **Data availability:** Digitized Collection Catalog, VertNet, GBIF; **Holdings:** 98800 specimens; 22 holotypes; **Tissues:** 4000 (frozen); **Taxonomic emphasis:** Emphasis on marine mammals; **Geographic emphasis:** Worldwide; California, Costa Rica, and Africa; **Other incorporated collections:** Western Foundation of Vertebrate Biology, California Institute of Technology (part), University of Southern California, and Loma Linda University; **Former acronyms:** N/A.

Survey data: 2017 survey.

ASM accreditation: 1978.

Moore Laboratory of Zoology (MLZ)

Occidental College, 1600 Campus Road, Los Angeles, CA, 90041-3314, U.S.A.

Contact: John E. McCormack (mccormack@oxy.edu), 323-259-1352

Additional contacts: James M. Maley (jmaley@oxy.edu), 323-259-1320

Website: <http://www.oxy.edu/moore-lab-zoology>; **Data availability:** Digitized Collection Catalog; <http://arctos.database.museum/>; Arctos, VertNet, GBIF; **Holdings:** 2174 specimens; 0 holotypes; **Tissues:** None (frozen tissue collection transferred to LSUMNS); **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; Mexico and the western USA; **Other incorporated collections:** Private collections of R. T. Moore and W. W. Brown, private collection of the Hafner brothers (M. S. Hafner, J. C. Hafner, and D. J. Hafner); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Pacific Grove Museum of Natural History (PGMNH)

165 Forest Avenue, Pacific Grove, CA, 93950, U.S.A.

Contact: P. M. Finnegan (pgmuseum@mbay.net), 831-648-5716

Additional contacts: Paul Van de Carr (vandecarr@pgmuseum.org), 831-648-5716 ext. 12

Website: <http://www.pgmuseum.org/collections/>; **Data availability:** Digitized Collection Catalog; **Holdings:** 215 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; central California; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey.

ASM accreditation: None.

Pacific Union College, Donald V. Hemphill Museum of Natural History (PUCNMH)

Pacific Union College, Angwin, CA, 95408, U.S.A.

Contact: Floyd Hayes (fhayes@puc.edu), 707-965-6401

Additional contacts: N/A

Website: <http://www.puc.edu>; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 1000 specimens; 0 holotypes; **Tissues:** 0; **Taxonomic emphasis:** Largest holdings are Rodentia; African and North American ungulates; **Geographic emphasis:** Local; Napa County; **Other**

incorporated collections: Wilmer C. Hansen Collection (big game trophies); Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Point Reyes National Seashore (PORE)

1 Bear Valley Road, Point Reyes Station, CA, 94956, U.S.A.

Contact: Deborah Morgan (deborah_morgan@nps.gov), 415-464-5218

Additional contacts: Carola DeRooy (carola_derooy@nps.gov), 415-464-5125

Website: <https://www.nps.gov/pore/learn/historyculture/collections.htm>; **Data availability:** Digitized Collection Catalog, museum.nps.gov (limited availability); **Holdings:** 140 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Cetacea, Pinnipedia, Cervidae, Chiroptera, Felidae, Canidae; **Geographic emphasis:** Local; Point Reyes National Seashore; **Other incorporated collections:** None; **Former acronyms:** PRNS.

Survey data: 2017 survey.

ASM accreditation: None.

San Bernardino County Museum (SBCM)

2024 Orange Tree Lane, Redlands, CA, 92374, U.S.A.

Contact: Gerald T. Braden (gbraden@sbcm.sbcounty.gov) 909-307-2669

Additional contacts: Karen Carter (kcarter@sbcm.sbcounty.gov)

Website: www.sbcountymuseum.org; **Data availability:** Digitized Collection Catalog; access by request; **Holdings:** 2500 specimens; 0 holotypes; **Tissues:** 15 (frozen); **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Southern California, particularly San Bernardino County. **Other incorporated collections:** private collection of Harry Coombs; **Former acronyms:** None;

Survey data: 2007 survey.

ASM accreditation: None.

San Diego Natural History Museum (SDNHM)

1788 El Prado, Balboa Park, San Diego, CA, 92101

Contact: Philip Unitt (punitt@sdnhm.org), 619-255-0235

Additional contacts: Scott Tremor (stremor@sdnhm.org), 619-225-0209

Website: www.sdnhm.org; **Data availability:** Digitized Collection Catalog; GBIF; **Holdings:** 24017 specimens; 89 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Rodentia, Lagomorpha, Cetacea, Pinnipedia; **Geographic emphasis:** Regional; Baja California; **Other incorporated collections:** private collections of L. M. Huey and S. G. Jewett; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975.

San Diego State University (SDSU)

Department of Biology, San Diego State University, 5500 Campanile Dr., San Diego, CA, 92182-4614, U.S.A.

Contact: J. David Archibald (darchibald@sunstroke.sdsu.edu), 619-594-5392, and Annalisa Berta (aberta@sunstroke.sdsu.edu)

Additional contacts: Mike Van Patten (mvanpatten@sunstroke.sdsu.edu), 619-594-4769
Website: http://www.sci.sdsu.edu/SEOB/Vert_Collections/; **Data availability:** Digitized Collection Catalog; **Holdings:** 3000 specimens; 0 holotypes; **Tissues:** 100 (frozen, EtOH); **Taxonomic emphasis:** None; **Geographic emphasis:** Local in scope: emphasizes San Diego County, CA, but also contains zoo animals and traded exotics; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

San Jose State University, Museum of Birds and Mammals (MBM)

Department of Biological Sciences, San Jose State University, San Jose, CA, 95192-0100, U.S.A.

Contact: Elizabeth McGee (elizabeth.mcgee@sjsu.edu), 408-924-5277

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy collection catalog; **Holdings:** 3735 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are marine mammals; **Geographic emphasis:** Local. **Other incorporated collections:** collection formerly managed by the United States Geological Survey; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Santa Barbara Museum of Natural History (SBMNH)

2559 Puesta Del Sol, Santa Barbara, CA, 93105, U.S.A.

Contact: Paul W. Collins (pcollins@sbnature2.org), 805-682-4711 ext 154

Additional contacts: Krista A. Fahy (kfahy@sbnature2.org), 805-682-4711 ext 155

Website: <http://www.sbnature.org/crc/49.html>; **Data availability:** Digitized Collection Catalog, SBMNH Collection Portal; VertNet, GBIF, iDigBio; **Holdings:** 10,602 specimens; 24 holotypes; **Tissues:** 64; **Taxonomic emphasis:** None. **Geographic emphasis:** Regional; central and southern California and southern Arizona USA; **Other incorporated collections:** Private collection of Jack C. Von Bloeker Jr. (part), Keith Murray small mammal voucher collection, California Department of Health Services Vector-Borne Disease Section; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1986.

United States Forest Service, San Joaquin Experimental Range (SJER)

24075 Hwy 41, Coarsegold, CA, 93614, U.S.A.

Contact: Kathryn Purcell (kpurcell@fs.fed.us), 559-868-6233

Additional contacts: Renee Denton (rdenton@fs.fed.us), 559-323-3204

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 360 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of California, Hastings Natural History Reservation (HNHR)

University of California, Hastings Natural History Reservation, 38601 East Carmel Valley Road, Carmel Valley, CA, 93924, U.S.A.

Contact: Mark R Stromberg (stromber@violet.berkeley.edu), 408-659-2664

Additional contacts: N/A

Website: *None*; **Data availability:** *None*; **Holdings:** *300 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *None*; **Geographic emphasis:** *None*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: 2017 survey.

ASM accreditation: *None*.

University of California Los Angeles, Dickey Collection (UCLA)

Department of Ecology and Evolutionary Biology, Hershey Hall 140, 612 Charles Young Dr. East, University of California, Los Angeles, CA, 90095-1606, U.S.A.

Contact: Kathy C. Molina (kmolina@obee.ucla.edu), 310-825-1282

Additional contacts: Blaire Van Valkenburgh (bvanval@ucla.edu)

Website: <http://dickey.lifesci.ucla.edu>; **Data availability:** *Digitized Collection Catalog, VertNet, GBIF*; **Holdings:** *21,188 specimens; 48 holotypes*; **Tissues:** *N/A*; **Taxonomic emphasis:** *None*; **Geographic emphasis:** *Regional; western North America and Central America*; **Other incorporated collections:** *private collections of D. R. Dickey, A. J. Van Rossem, A. B. Howell, and Loye Miller, and the former collection of the California Institute of Technology (part)*;

Former acronyms: *None*.

Survey data: 2017 survey.

ASM accreditation: *None*.

University of California, Berkeley, Museum of Vertebrate Zoology (MVZ)

Mammal Collection, 3101 Valley Life Sciences Building, University of California, Berkeley, CA, 94720, U.S.A.

Contact: Eileen Lacey (elacey@berkeley.edu), 510-643-0284

Additional contacts: Chris Conroy (ondatra@berkeley.edu), 510-643-7709

Website: <http://www.mvz.berkeley.edu>; **Data availability:** *Digitized Collection Catalog, <http://arctos.database.museum/>, Arctos, VertNet, GBIF, BISON, iDigBio, Berkeley EcoEngine (<https://ecoengine.berkeley.edu/>)*; **Holdings:** *235,301 specimens; 364 holotypes*; **Tissues:** *36,000 (frozen, ethanol, DMSO-EDTA, RNA-Later)*; **Taxonomic emphasis:** *Largest holdings are Rodentia (Thomomys, Peromyscus, Microtus, Neotoma, Reithrodontomys, Chaetodipus) and Sorex from California; Lemmus from Alaska; Mus spp. from Europe and Americas*; **Geographic emphasis:** *Worldwide; California, western United States, Alaska, British Columbia, Mexico, El Salvador, Brazil, Peru, Argentina, Australia, and New Guinea*; **Other incorporated collections:** *former private collections of M. M. Greene, M. Hildebrand, and D. R. Dickey (El Salvador material only)*; **Former acronyms:** *None*.

Survey data: 2017 survey.

ASM accreditation: 1975.

Yosemite Museum (YNP)

Yosemite Museum (YNP), Yosemite National Park, P.O. Box 577, Yosemite, CA, 95389, U.S.A.

Contact: Barbara Beroza (Barbara_Beroza@nps.gov), 209-372-0297

Additional contacts: Miriam Watson (Miriam.Watson@nps.gov), 209-372-0281

Website: <http://www.cr.nps.gov/museum/>, <http://www.nps.gov/yose/historyculture/collections.htm>;

Data availability: Digitized Collection Catalog; **Holdings:** 800 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; Yosemite National Park and the Yosemite region; **Other incorporated collections:** None; **Former acronyms:** YOSE, YM.

Survey data: 2017 survey.

ASM accreditation: None.

COLORADO

Adams State College Collection (now Adams State University) (ASU)

Department of Biology, Adams State University, 208 Edgemont Blvd., Alamosa, CO, 81101, U.S.A.

Contact: Timothy Armstrong (taarmstr@adams.edu), 719-587-7211

Additional contacts: N/A

Website: None; **Data availability:** Digitized Collection Data; **Holdings:** 486 specimens; 0 holotypes; **Tissues:** <10; **Taxonomic emphasis:** Largest holdings are Rodentia, Chiroptera, Carnivora; **Geographic emphasis:** Regional; Colorado USA, with minor holdings from central and eastern USA; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Colorado National Monument (COLM)

National Park Service, 1750 Rim Rock Dr., Fruita, CO, 81521, U.S.A.

Contact: Arlene Jackson (interim), 970-858-3617 ext. 313

Additional contacts: Matthew Marques (Matthew.Marques@nps.gov), 970-858-3617 ext. 318

Website: <http://www.nps.gov/colm>; **Data availability:** Digitized Collection Catalog; **Holdings:** 105 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are *Myotis*, *Peromyscus*, and *Neotoma*; **Geographic emphasis:** Local; Colorado National Monument; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

Colorado State University Mammalogy Teaching Collection (CSUTC)

Department of Biology, Colorado State University, Fort Collins, CO, 89523, U.S.A.

Contact: Gregory Florant (Gregory.Florant@ColoState.edu), 970-491-7627

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 800 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Rodentia, specifically *Peromyscus maniculatus*; **Geographic emphasis:** None; **Other incorporated collections:** N/A; (Majority of previously held specimens were donated to University of Kansas and University of Colorado Boulder). **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Denver Museum of Nature and Science (DMNS)

Zoology Department, 2001 Colorado Boulevard, Denver, CO, 80205-5798, U.S.A.

Contact: John R. Demboski (john.demboski@dmns.org), 303-370-6443

Additional contacts: Jeff Stephenson (jeff.stephenson@dmns.org), 303-370-8319

Website: http://arctos.database.museum/dmns_mamm; **Data availability:** Digitized Collection Catalog, <http://arctos.database.museum/>; VertNet, GBIF, iDigBio, Bison, GenBank; **Holdings:** 24,000 specimens; 9 holotypes; **Tissues:** 8,100 (frozen); **Taxonomic emphasis:** Largest holdings are Rodentia, Chiroptera, Lagomorpha. Most have associated mammalian parasites; **Geographic emphasis:** Regional; Rocky Mountains and Great Plains USA, with specimens spanning 1870's – present, as well as urban mammal diversity; **Other incorporated collections:** None; **Former acronyms:** CMNH, DMNH.

Survey data: 2017 survey.

ASM accreditation: 1989.

Fort Lewis College (FLC)

Department of Biology, Fort Lewis College, Durango, CO, 81301-3999, U.S.A.

Contact: Joseph C. Ortega (ortega_j@fortlewis.edu), 970-247-7458

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 240 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

Great Sand Dunes National Park and Preserve (GSDNP&P)

Great Sand Dunes National Park and Preserve, 11500 Highway 150, Mosca, CO, 81146, U.S.A.

Contact: Fred Bunch, 719-378-6361

Additional contacts: Lisa Carrico

Website: None; **Data availability:** None; **Holdings:** 46 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Rocky Mountain Biological Laboratory (RMBL)

Rocky Mountain Biological Laboratory, 8000 County Road 317, Crested Butte, CO, 81224, U.S.A.

Contact: Jennifer Reithel (sd@rmbll.org), 970-349-1288

Additional contacts: Rick Williams (Idaho State University Curator of Botany; willcha2@isu.edu)

Website: <http://www.digitalrmbll.org/collections/species-lists/>; **Data availability:** N/A; **Holdings:** 400 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Rocky Mountain National Park (ROMO)

Rocky Mountain National Park, 1000 US Highway 36, Estes Park, CO, 80517, U.S.A.

Contact: Kelly Cahill (Kelly_Cahill@nps.gov), 970-586-1340

Additional contacts: N/A

Website: None; **Data availability:** Digitized Collection Catalog; **Holdings:** 253 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Bovidae and Sciuridae; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** RMNP.

Survey data: 2017 survey.

ASM accreditation: None.

University of Colorado Museum of Natural History (UCM)

Museum of Natural History, Vertebrate Collections (Mammals), University of Colorado, Campus Box 265, Boulder, CO, 80309, U.S.A.

Contact: Christy M. McCain (christy.mccain@colorado.edu), 303-735-1016

Additional contacts: Emily Braker (emily.braker@colorado.edu), 303-492-8466

Website: <http://www.colorado.edu/cumuseum/research-collections/vertebrates>; **Data availability:** Digitized Collection Catalog, http://arctos.database.museum/ucm_mamm; VertNet, GBIF; **Holdings:** 16,833 specimens; 1 holotype, 1 paratype; **Tissues:** 45 (frozen); **Taxonomic emphasis:** Largest holdings are Rodentia; **Geographic emphasis:** Regional in scope: emphasizes the Rocky Mountains and Southwest; **Other incorporated collections:** contains former private collections of E. R. Warren and D. A. Spencer, Colorado College, Regis University; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975.

University of Northern Colorado, Museum of Natural History (UNC-B)

University of Northern Colorado, School of Biological Sciences, 501 20th St., Campus Box 92, Greeley, CO, 80639, U.S.A.

Contact: Lauryn Benedict (lauryn.benedict@unco.edu), 970-351-3364

Additional contacts: Stephen Mackeassy (stephen.mackeassy@unco.edu), 970-351-2429

Website: http://www.unco.edu/nhs/biology/lbenedict/museum/museum_index.htm; **Data availability:** Digitized Collection Catalog; **Holdings:** 1,560 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Rodentia; **Geographic emphasis:** Regional; Colorado USA and surrounding regions; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

CONNECTICUT

University of Connecticut (UConn)

Mammal Research Collection, Department of Ecology and Evolutionary Biology, University of Connecticut, Storrs, CT, 06269-3043, U.S.A.

Contact: Michael Willig (michael.willig@uconn.edu), 203-486-4457

Additional contacts: Susan Hochgraf (susan.hochgraf@uconn.edu), 860-486-8945

Website: biodiversity.uconn.edu/mammals/; **Data availability:** Digitized Collection Catalog, VertNet, GBIF; **Holdings:** 22,000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Worldwide; emphasizes New England USA and

Paraguay; moderate holdings from Lebanon, Iraq, Turkistan, England, and Germany; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975, 1983.

Yale University, Peabody Museum of Natural History (YPM)

Yale University, Peabody Museum of Natural History, Division of Vertebrate Zoology (YPM)
170 Whitney Avenue, New Haven, CT, 06511, U.S.A.

Contact: Richard O. Prum (richard.prum@yale.edu), 203-432-9423

Additional contacts: Kristof Zyskowski (kristof.zyskowski@yale.edu), 203-432-9821

Website: <http://peabody.yale.edu/collections/vertebrate-zoology/mammalogy>;

Data availability: Digitized Collection Catalog, VertNet;

Holdings: 10,440 specimens; 0 holotypes; **Tissues:** 6,671 (frozen); **Taxonomic emphasis:** Significant holdings are 600+ Bovidae specimens (mostly African); 172 specimens of domestic dogs. **Geographic emphasis:** None. **Other incorporated collections:** Roland G. Bauer collection of African bovids; Leon F. Whitney champion dog collection; 86 osteological specimens collected during 1870-1873 paleontological expeditions to Kansas and Wyoming led by Othniel C. Marsh. **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 2009.

DELAWARE

Delaware Museum of Natural History (DMNH)

P.O. Box 3937 (mail), 4840 Kennett Pike (street/courier), Wilmington, DE, 19807, U.S.A.

Contact: Jean L. Woods (jwoods@delmnh.org), 302-658-9111 x314

Additional contacts: N/A

Website: <http://www.delmnh.org/other-collections/mammal-collection/>; **Data availability:** Digitized Collection Catalog, VertNet; **Holdings:** 6,000 specimens; 7 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Worldwide; Philippines, North America, and Delmarva Peninsula, USA; **Other incorporated collections:** H.H. Bailey collection (part); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Delaware (UDEL)

Department of Entomology and Wildlife Ecology, University of Delaware, Newark, DE, 19716-2160, U.S.A.

Contact: Jake Bowman (jlb Bowman@udel.edu), 302-831-4621

Additional contacts: Kyle McCarthy (mccarthy@udel.edu), 302-831-1412

Website: <http://canr.udel.edu/>; **Data availability:** None; **Holdings:** 745 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Mid-Atlantic region of the US; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

WASHINGTON, D.C.

United States National Museum of Natural History (USNM)

Department of Vertebrate Zoology, Division of Mammals, Smithsonian Institution, 10th and Constitution Avenue N.W., Washington, D.C., 20560, U.S.A.

Contact: Jonathan Coddington (coddington@si.edu), 202-633-1056

Additional contacts: Darrin P. Lunde (lunded@si.edu), 202-633-1253

Website: <http://vertebrates.si.edu/mammals/index.html>; **Data availability:** Digitized Collection Catalog; <http://collections.nmnh.si.edu/search/mammals/>; VertNet, GBIF; **Holdings:** 600,000 specimens; 3,198 holotypes; **Tissues:** 20,000 (frozen, buffer); **Taxonomic emphasis:** Strong in most taxonomic groups, including marine mammals; **Geographic emphasis:** Worldwide; strongest emphasis is North America, Africa, Venezuela, Panama, Southeast Asia; **Other incorporated collections:** U.S. Biological Survey collection; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975, 1977, 1979.

FLORIDA

Everglades National Park (ENP)

Everglades National Park, 40001 State Road 9336, Homestead, FL, 33034-6733, U.S.A.

Contact: 305-242-7700

Additional contacts: N/A

Website: <https://www.nps.gov/ever/index.htm>; **Data availability:** N/A; **Holdings:** 50 specimens; 0 holotypes; **Tissues:** 0; **Taxonomic emphasis:** N/A; **Geographic emphasis:** N/A; **Other incorporated collections:** N/A; **Former acronyms:** N/A.

Survey data: Yates et al. 1987. Contact info updated 2017.

ASM accreditation: None.

Florida State University Museum (FSUM)

Department of Biological Science, Florida State University, Tallahassee, FL, 32306, U.S.A.

Contact: Greg Erikson (gerickson@bio.fsu.edu)

Additional contacts: Frances C. James (james@bio.fsu.edu), 904-644-3700

Website: None; **Data availability:** None; **Holdings:** 670 specimens; 0 holotypes; **Tissues:** 0; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** FSU.

Survey data: 2017 survey. Collection was transferred to University of Florida but a teaching collection is slowly being built back up.

ASM accreditation: None.

The Mote Marine Laboratory Ruth Delynn Cetacean Osteological Collection (MML)

1600 Ken Thompson Parkway, Sarasota, FL, 34236, U.S.A.

Contact: Gretchen Lovewell (glovewell@mote.org), 941-388-4441 ex 239

Additional contacts: Rebeccah Hazelkorn (rhazelkorn@mote.org), 941-388-4441 ext 455

Website: <https://mote.org/research/program/stranding-investigations/the-ruth-delynn-cetacean-osteological-collection>; **Data availability:** Digitized Collection Catalog; **Holdings:** 650 specimens; 0 holotypes; **Tissues:** >100 (including stomach contents, histopathology slides and paraffin blocks, frozen soft tissues). Types of tissues are dependent on the condition at the time of stranding; **Taxonomic emphasis:** Strong in Cetacea, with focus on Tursiops and other

delphinids; Geographic emphasis: Regional; Florida and Sarasota Bay USA; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: 2011.

University of Florida, Florida Museum of Natural History (FLMNH)

Florida Museum of Natural History (FLMNH), Dickinson Hall, University of Florida, 1659 Museum Road, Gainesville, FL, 32611-7800, U.S.A.

Contact: David L. Reed (dreed@flmnh.ufl.edu), 352-273-1971

Additional contacts: Verity Mathis (vmathis@flmnh.ufl.edu), 352-273-2114

*Website: <http://www.flmnh.ufl.edu/mammals/>; Data availability: Digitized Collection Catalog, <http://specifyportal.flmnh.ufl.edu/mammals/>; VertNet, iDigBio; Holdings: 33,343 specimens; 6 holotypes; Tissues: 1,249 (frozen); Taxonomic emphasis: Largest holdings are Carnivora (*Puma concolor* from Florida), Sirenia, & Cetacea; Geographic emphasis: Regional; emphasizes southeastern USA, the Caribbean, and Pakistan; Other incorporated collections: David K. Caldwell marine mammal collection, Florida State University; Former acronyms: FSM.*

Survey data: 2017 survey.

ASM accreditation: 1975, 1983.

GEORGIA

Georgia Museum of Natural History (GMNH)

University of Georgia, 101 Cedar St., Athens, GA, 30602-1882, U.S.A.

Contact: Nicole Castleberry (neotoma@uga.edu), 706-542-1663

Additional contacts: musinfo@uga.edu

Website: www.naturalhistory.uga.edu; Data availability: Digitized Collection Catalog; Holdings: 60,000 specimens; 0 holotypes; Tissues: 500 (frozen); Taxonomic emphasis: Largest holdings are Eulipotyphla and Rodentia; Geographic emphasis: Regional; southeastern USA; Other incorporated collections: Georgia State University, Northeastern University Vertebrate Collection (NUVC), and Boston University, Biology Department Teaching Collection (BUTC); Former acronyms: UGAMNH.

Survey data: 2007 survey.

ASM accreditation: 1985.

HAWAII

Bernice P. Bishop Museum (Bishop Museum Vertebrate Zoology Collection) (BPBM)

Bernice P. Bishop Museum, Natural Sciences Department, 1525 Bernice Street, Honolulu, HI, 96817-2704

Contact: Molly Hagemann (molly@bishopmuseum.org), 808-847-3511 ext 198

Additional contacts: N/A

*Website: <https://www.bishopmuseum.org/collections-3/vertebrate-zoology/>; Data availability: Digitized Collection Catalog; GBIF; Holdings: 15,444 specimens; 18 holotypes; Tissues: None; Taxonomic emphasis: Largest holdings are Marsupialia (*Dasyuridae*), Chiroptera (*Pteropodidae*), and Rodentia (*Muridae*, especially *Rattus*, *Melomys* and hydromine genera); Geographic emphasis: Regional; emphasizes New Guinea and the Solomon Islands; Former acronyms: None.*

Survey data: 2017 survey.
ASM accreditation: 1975, 1986.

IDAHO

College of Idaho, Orma J. Smith Museum of Natural History (ACMNH)

2112 Cleveland Boulevard, Caldwell, ID, 83605, U.S.A.

Contact: Eric Yensen (eyensen@collegeofidaho.edu), 208-250-8239

Additional contacts: Teresa Tarifa (teresa.tarifa@yahoo.com), 208-650-6558

Website: <https://www.collegeofidaho.edu/cultural-institutions/orma-j-smith-museum-natural-history>; *Data availability:* Digitized Collection Catalog; *Holdings:* 1,400 specimens; 0 holotypes; *Tissues:* None; *Taxonomic emphasis:* Largest holdings are Sciuridae (ground squirrels); *Geographic emphasis:* Regional; emphasizes Idaho and western US, Mexico, Australia; *Former acronyms:* Formerly Albertson College; CIMNH.

Survey data: 2007 survey.

ASM accreditation: None.

Idaho Fish and Game, Wildlife Health Laboratory (IDFG)

16569 South 10th Avenue, Caldwell, ID, 83607, U.S.A.

Contact: 208-939-9171

Additional contacts: N/A

Website: None; *Data availability:* None; *Holdings:* 180 specimens; 0 holotypes; *Tissues:* None; *Taxonomic emphasis:* None; *Geographic emphasis:* Regional; Idaho (USA); *Other incorporated collections:* None; *Former acronyms:* IFGD.

Survey data: 2004.

ASM accreditation: None.

ILLINOIS

Burpee Museum of Natural History (BMR)

737 N. Main St., Rockford, IL, 61103, U.S.A.

Contact: Scott A. Williams (scott.williams@burpee.org), 815-965-3433

Additional contacts: Sheila Rawlings (sheila.rawlings@burpee.org), 815-965-3433

Website: www.burpee.org; *Data availability:* Digitized Collection Catalog; *Holdings:* 837 specimens; *Tissues:* 10 (alcohol); *Taxonomic emphasis:* None; *Geographic emphasis:* Regional; northern Illinois and southern Wisconsin USA; *Other incorporated collections:* Thomas E. Stark Collection of African mammals (43 specimens); *Former acronyms:* BMNHC.

Survey data: 2017 survey.

ASM accreditation: None.

Chicago Academy of Sciences (CHAS)

Peggy Notebaert Nature Museum, 2430 North Cannon Drive, Chicago, IL, 60614, U.S.A.

Contact: Steven Sullivan (ssullivan@naturemuseum.org), 773-755-5120

Additional contacts: Dawn Roberts (droberts@naturemuseum.org), 773-755-5125

Website: <http://www.naturemuseum.org>; *Data availability:* Digitized Collection Catalog; VertNet, GBIF; *Holdings:* 5,171 specimens; 2 holotypes; *Tissues:* None; *Taxonomic emphasis:* Largest holdings are small mammals; *Geographic emphasis:* Regional; Midwestern/Great

Lakes USA; Other incorporated collections: Northwestern University collection; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: 1989.

Eastern Illinois University (EIU)

Department of Biological Sciences, Eastern Illinois University, Charleston, IL, 61920, U.S.A.

Contact: Thomas A. Nelson (cftan@eiu.edu), 217-581-2500

Additional contacts: N/A

Website: None; Data availability: Hardcopy Collection Catalog; Holdings: 1,000 specimens;

Tissues: None; Taxonomic emphasis: None; Geographic emphasis: Regional; Illinois USA;

Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Illinois State Museum (ISM)

Research and Collections Center, 1011 East Ash St., Springfield, IL, 62703, U.S.A.

Contact: Meredith J. Mahoney (meredith.mahoney@illinois.gov), 217-785-4843

Additional contacts: Research and Collections Center front office, 217-785-0037

Website: illinoisstatemuseum.org; Data availability: Digitized Collection Catalog, VertNet,

GBIF, iDigBio; Holdings: 12,373 specimens; 0 holotypes; Tissues: None; Taxonomic

emphasis: Largest holdings are comparative osteological specimens; Geographic emphasis:

Regional; Midwestern USA; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Illinois State University John Wesley Powell-Dale Birkenholz Natural History Collections (ISU)

School of Biological Sciences, Illinois State University, Normal, IL, 61790-4120, U.S.A.

Contact: Angelo P. Capparella (apcappar@ilstu.edu), 309-438-5124

Additional contacts: Gretchen E. Knapp (geknapp@ilstu.edu), 309-438-5556

Website: None; Data availability: Digitized Collection Catalog, VertNet, GBIF; Holdings:

2,000 specimens; 0 holotypes; Tissues: frozen tissues available; Taxonomic emphasis: Largest

holdings are small mammals; Geographic emphasis: Regional; Illinois USA; Other

incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: 2007.

Rockford College (RCMC)

Department of Biology, Rockford College, 5050 E. State St., Rockford, IL, 61101, U.S.A.

Contact: N/A, 815-226-4188

Additional contacts: N/A

Website: N/A; Data availability: None

Holdings: 200 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None;

Geographic emphasis: None; Other incorporated collections: None; Former acronyms: None.

Survey data: Yates et al. 1987.

ASM accreditation: None.

Southern Illinois University, Edwardsville (SIUE)

Department of Biological Sciences, Southern Illinois University Edwardsville, Edwardsville, IL, 62026, U.S.A.

Contact: Ralph Axtell, 618-650-3405

Additional contacts: Rick Essner (ressner@siue.edu), 618-650-2338

Website: *None*; **Data availability:** *Hardcopy Collection Catalog*; **Holdings:** *1,300 specimens*; **Tissues:** *None*; **Taxonomic emphasis:** *None*; **Geographic emphasis:** *Regional; southern Illinois and Arizona USA*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

Southern Illinois University, Zoology Department Mammal Collection (SIUCM)

Department of Zoology, MC 6501, Carbondale, IL, 62901, U.S.A.

Contact: George A. Feldhamer (feldhamer@zoology.siu.edu), 618-453-4115

Additional contacts: Bill Muhlach (muhlach@zoology.siu.edu), 618-453-4128

Website: *None*; **Data availability:** *Digitized Collection Catalog*; **Holdings:** *4,206 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *Largest holdings are Rodentia*; **Geographic emphasis:** *Regional; Illinois USA*; **Other incorporated collections:** *SIUC Wildlife Research Lab*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

The Field Museum of Natural History (FMNH)

Collection of Mammals, 1400 South Lake Shore Drive, Chicago, IL, 60605, U.S.A.

Contact: Lawrence R. Heaney/B. D. Patterson (lheaney@fieldmuseum.org/
bpatterson@fieldmuseum.org), 312-665-7747/312-665-7750

Additional contacts: Adam Ferguson (aferguson@fieldmuseum.org), 505-277-9262

Website: <http://www.fieldmuseum.org>; **Data availability:** *Digitized Collection Catalog, <http://emuweb.fieldmuseum.org/mammals/Query.php>, VertNet, GBIF*; **Holdings:** *226,074 specimens; 520 holotypes*; **Tissues:** *72,111 (frozen)*; **Taxonomic emphasis:** *All taxa except marine mammals; strengths include Eulipotyphla (crocidurines), Afrotheria (tenrecs), Primates, and Rodentia (sigmodontines, murines and nesomyines)*; **Geographic emphasis:** *Worldwide; especially Chile, Colombia, Peru, Philippines, East and Central Africa, Madagascar, Egypt, Iran, and Afghanistan*; **Other incorporated collections:** *B. J. Hayward Collection, Milwaukee Public Museum Collection of African mammals, and Princeton Biology Department Collection, University of Illinois Museum of Natural History (UIMNH) (part)*; **Former acronyms:** *CNHM.*

Survey data: *2017 survey.*

ASM accreditation: *1975, 1983.*

University of Illinois Museum of Natural History (UIMNH)

Illinois Natural History Survey, 1816 South Oak Street, Champaign, IL, 61820, U.S.A.

Contact: Jean Mengelkoch (jmengel@inhs.illinois.edu), (217) 265-7885

Additional contacts: Wendy Schelsky (schelsky@illinois.edu), 217-493-0491

Website: None; Data availability: Digitized Collection Catalog; Holdings: 14,700 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Illinois mammals; Geographic emphasis: Illinois; Other incorporated collections: None; Former acronyms: WIU.
Survey data: 2017 survey. Most of this collection transferred to the Field Museum of Natural History, the Monte L. Bean Life Science Museum, and the Museum of Southwestern Biology; 20 type specimens were in the collection but were all transferred.
ASM accreditation: 1975, 1985

Western Illinois University, Museum of Natural History (WSU)

Department of Biological Sciences, Western Illinois University, Macomb, IL, 61455, U.S.A.

Contact: Jeanette A. Thomas (J-Thomas@wiu.edu), 309-298-1546

Additional contacts: Christopher Jacques (CN-Jacques@wiu.edu), 309-289-1546

Website: None; Data availability: Hardcopy Collection Catalog; Holdings: 1,345 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Largest holdings are Rodentia; Geographic emphasis: Regional; Illinois USA; Other incorporated collections: None; Former acronyms: WIU.

Survey data: 2017 survey.

ASM accreditation: None.

INDIANA

Ball State University, Mammal Collection (BSUMC)

Biology Department, Ball State University, Muncie, IN, 47306, U.S.A.

Contact: Cheryl LeBlanc (cleblanc@bsu.edu), 765-285-8839

Additional contacts: N/A

Website: None; Data availability: None; Holdings: 300 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: None; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Earlham College, Joseph Moore Museum (JMM)

801 National Road West, Richmond, IN, 47374, U.S.A.

Contact: Heather Lerner (hlerner@gmail.com), 765-983-1402

Additional contacts: Ann-Eliza Lewis (lewisan@earlham.edu), 765-983-1320

Website: None; Data availability: Digitized Collection Catalog; Holdings: 4,933 specimens; 0 holotypes; Tissues: 150 (frozen); Taxonomic emphasis: None; Geographic emphasis: Local; Other incorporated collections: Nixon Wilson Collection (NWC); Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Indiana State University (ISUVC)

Department of Biology, Indiana State University, Terre Haute, IN, 47809, U.S.A.

Contact: Joy O'Keefe (joyokeefe@gmail.com), 812-237-4520

Additional contacts: Brianne Walters (brianne.walters@indstate.edu), 812-237-2808

Website: None; Data availability: Digitized Collection Catalog; Holdings: 9,301 specimens; 0 holotypes; Tissues: 1,000 (EtOH); Taxonomic emphasis: Largest holdings are Eulipotyphla, Rodentia, and Chiroptera; Geographic emphasis: Regional; primarily Indiana USA and Canada, but some holdings South/Central America, Malaysia, Kenya, Japan; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Southern Indiana (formerly Indiana State University, Evansville) (USI)

Department of Biology, University of Southern Indiana, Evansville, IN, 47712, U.S.A.

Contact: James H. Bandoli (jhbandol@usi.edu), 812-464-1792

Additional contacts: N/A

Website: None; Data availability: Hardcopy Collection Catalog; Holdings: 203 specimens; 0 holotypes; Tissues: 0; Taxonomic emphasis: None; Geographic emphasis: Local; Other incorporated collections: None; Former acronyms: ISUE.

Survey data: 2017 survey.

ASM accreditation: None.

IOWA

Buena Vista College (BVC)

610 W 4th Street, Biology Department, Buena Vista College, Storm Lake, IA, 50588, U.S.A.

Contact: Heather York (york2@bvuc.edu), 712-749-2294

Additional contacts: Richard Lampe (lamper@bvuc.edu), 712-732-1058

Website: None; Data availability: Digitized Collection Catalog; Holdings: 1,200 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: Local, northwest Iowa USA; Other incorporated collections: Numerous taxidermy collections; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Central College (CUI)

812 University Street, Biology Department, Central College, Pella, IA, 50219, U.S.A.

Contact: Russ Benedict (benedictr@central.edu), 614-628-5173

Additional contacts: N/A

Website: None; Data availability: Hardcopy Collection Catalog; Holdings: 550 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Largest holdings are Eulipotyphla (primarily Blarina); Geographic emphasis: Regional; Iowa USA; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Luther College, Sherman A. Hoslett Museum of Natural History (HMNH)

Decorah, IA, 52101, U.S.A.

Contact: Tex A. Sordahl (sordahl@luther.edu), 563-387-1553

Additional contacts: N/A

Website: None; **Data availability:** Digitized Collection Catalog; **Holdings:** 1,667 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; northeastern Iowa and the upper midwestern USA; **Other incorporated collections:** None; **Former acronyms:** SHMC.
Survey data: 2017 survey.
ASM accreditation: None.

Putnam Museum and Science Center (PM)

1717 West 12th Street, Davenport, IA, 52804, U.S.A.

Contact: Christine Chandler (cchandler@putnam.org), 563-324-1054 ext 226

Additional contacts: N/A

Website: None; **Data availability:** Digitized Collection Catalog; **Holdings:** 1,016 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Eulipotyphla; **Geographic emphasis:** Local; eastern Iowa USA; **Other incorporated collections:** St. Ambrose University (part); **Former acronyms:** Davenport Academy of Natural Science (DANS); Davenport Academy of Science (DAS); Davenport Museum (DM); Davenport Public Museum (DPM); Putnam Museum (PM); Putnam Museum of History and Natural Science (PMHNS).
Survey data: 2017 survey.
ASM accreditation: None.

Sanford Museum Collections (SM)

117 East Willow, Cherokee, IA, 51012, U.S.A.

Contact: Linda Burkhart (director@sanford.org), 712-225-3922

Additional contacts: (sanfordmuseum@sanfordmuseum.org)

Website: <http://sanfordmuseum.org/collections.html>; **Data availability:** N/A; **Holdings:** 25 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; northwest Iowa USA; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: Yates et al. 1987.
ASM accreditation: None.

Natural History Collection, State Historical Society of Iowa (ISNHC)

Iowa Department of Cultural Affairs, 600 East Locust, Des Moines, IA, 50319, U.S.A.

Contact: None

Additional contacts: N/A

Website: <https://iowaculture.gov/history/research/collections>; **Data availability:** Digitized Collection Catalog; **Holdings:** 163 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2007 survey.
ASM accreditation: None.

Museum of Natural History, The University of Iowa (SUI)

11 Macbride Hall, The University of Iowa, Iowa City, IA, 52242, U.S.A.

Contact: Cindy Opitz (cindy-opitz@uiowa.edu), 319-335-0481

Additional contacts: Trina Roberts (trina-roberts@uiowa.edu), 319-335-1313

Website: <http://www.uiowa.edu/mnh>; **Data availability:** Digitized Collection Catalog; VertNet, GBIF; **Holdings:** 2,580 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; Iowa USA; **Other incorporated collections:** W. T. Hornaday Australian marsupial collection; John B. Bowles midwestern rodent collection; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Northern Iowa (UNI)

Department of Biology, University of Northern Iowa, Cedar Falls, IA, 50614, U.S.A.

Contact: James Demastes (Jim.Demastes@uni.edu), 319-273-2022

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 320 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

KANSAS

Emporia State University, Schmidt Museum of Natural History (SMNH)

Department of Biological Sciences, Emporia State University, Emporia, KS, 66801, U.S.A.

Contact: William E Jenson (wjensen1@emporia.edu), 620-341-5339

Additional contacts: Dwight Moore (mooredwi@emporia.edu), 620-341-5611

Website: <http://www.emporia.edu/smnh>; **Data availability:** Digitized Collection Catalog, VertNet, GBIF; **Holdings:** 1,300 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; Kansas and Great Plains; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Fort Hays State University, Sternberg Museum of Natural History (FHSM)

3000 Sternberg Drive, Hays, KS, 67601, U.S.A.

Contact: Elmer J. Finck, Curtis J. Schmidt (efinck@fhsu.edu, cjschmidt@fhsu.edu), 785-628-5504

Additional contacts: Reese Barrick (rebarrick@fhsu.edu), 785-628-5664

Website: sternberg.fhsu.edu; **Data availability:** Digitized Collection Catalog, Specify; VertNet, GBIF, iDigBio; **Holdings:** 43,059 specimens; 1 holotypes; **Tissues:** 3,328 (EtOH; frozen, N₂); **Taxonomic emphasis:** Largest holdings are Eulipotyphla, Chiroptera, Rodentia, and Carnivora; **Geographic emphasis:** Regional; USA and southern Mexico; **Other incorporated collections:** Charles A. Ely Collection (part); **Former acronyms:** MHP.

Survey data: 2017 survey.

ASM accreditation: 1975, 1980.

Friends University, Fellow-Reeve Museum of History and Science (FRM)

Friends University, 2100 University, Wichita, KS, 67213, U.S.A.

Contact: 316-295-5000

Additional contacts: N/A

Website: None; **Data availability:** *Hardcopy Collection Catalog*; **Holdings:** 31 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** *Largest holdings are taxidermy mounts*; **Geographic emphasis:** *Material collected by Quaker missionaries in USA, Canada and Africa*; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: *Hafner et al. 1997.*

ASM accreditation: None.

Kansas Department of Wildlife and Parks, Pratt Education Center and Aquarium (PECA)

512 SE 25th Ave., Pratt, KS, 67124-8174, U.S.A.

Contact: 620-672-0776

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 128 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007.

ASM accreditation: None.

Kansas State University (KSU)

Division of Biology, Kansas State University, Manhattan, KS, 66506-4901, U.S.A.

Contact: Donald W. Kaufman (dwkaufma@ksu.edu), 785-532-6622

Additional contacts: N/A

Website: None; **Data availability:** *Hardcopy Collection Catalog*; **Holdings:** 500 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Pittsburg State University (PSUMC)

Biology Department, Pittsburg State University, Pittsburg, KS, 66762, U.S.A.

Contact: 620-235-4732

Additional contacts: N/A

Website: <http://www.pittstate.edu/department/biology/>; **Data availability:** None; **Holdings:** 1,200 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: *Yates et al. 1987.*

ASM accreditation: None.

Southwestern College, Natural History Museum (SCNHM)

100 College Street, Winfield, KS, 67156-2499, U.S.A.

Contact: Max Thompson (Max.Thompson@sckans.edu), (620) 229-6304

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 2,100 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** *Local; southcentral Kansas USA, with small collections from Australia, Africa, Mexico*; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

University of Kansas, Natural History Museum and Biodiversity Research Center (KU)
Division of Mammals, Dyche Hall, University of Kansas, 1345 Jayhawk Blvd., Lawrence, KS,
66045-7561, U.S.A.

Contact: Maria Eifler (meifler@ku.edu), 785-864-6989

Additional contacts: Robert M. Timm (btimm@ku.edu), 785-864-1831

Website: <http://nhm.ku.edu/mammals/start.html>; Data availability: Digitized Collection Catalog, <http://collections.biodiversity.ku.edu/KUMammals/> or

<http://biodiversity.ku.edu/mammalogy/collections/collection-search>, VertNet, GBIF, iDigBio;

***Holdings:** 171,626 specimens; 140 holotypes; **Tissues:** 6900 (frozen, EtOH); **Taxonomic emphasis:** Strong in many taxonomic groups; **Geographic emphasis:** Worldwide; **Other incorporated collections:** Ralph Ellis Collection, Albert Schwartz Collection, University of Miami, Coral Gables, Southwestern College, Northwestern Missouri State University, and Wichita State University Collections; **Former acronyms:** None.*

Survey data: 2017 survey.

ASM accreditation: 1975, 1987.

Wichita State University (WSBC)

Department of Biological Sciences, Wichita State University, Wichita, KS, 67208-1595, U.S.A.

Contact: Donald A. Distler (biofs@wichita.edu), 316-689-3113

Additional contacts: Maria Martino (maria.martino@wichita.edu), 316-978-3111

Website: <http://webs.wichita.edu/?u=bioscience>; Data availability: N/A; Holdings: 200 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: None; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

KENTUCKY

Eastern Kentucky University (EKU)

Biology Department, Eastern Kentucky University, Richmond, KY, 40475, U.S.A.

Contact: Luke E. Dodd (luke.dodd@eku.edu), 859-622-2523

Additional contacts: N/A

Website: None; Data availability: Digitized Collection Catalog; Holdings: 835 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: Regional; Kentucky USA and surrounding states; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Murray State University (MSUMC)

Department of Biological Sciences, Murray State University, Murray, KY, 42071, U.S.A.

Contact: Terry L. Derting (tderting@murraystate.edu), 270-809-6327

Additional contacts: Claire Fuller (cfuller@murraystate.edu), 270-809-2786

Website: None; **Data availability:** None; **Holdings:** 1,458 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** personal collection of Dr. Robert A. Martin (former MSU mammalogist); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Kentucky (UKVTC)

Department of Biology, University of Kentucky, Lexington, KY, 40506-0225, U.S.A.

Contact: Dr. Jim Krupa (james.krupa@uky.edu), 859-257-8417

Additional contacts: N/A

Website: N/A; **Data availability:** *Hardcopy Collection Catalog*; **Holdings:** 3,000 specimens; 0 holotypes; **Tissues:** *Very few*; **Taxonomic emphasis:** *Largest holdings are small mammals*; **Geographic emphasis:** *Regional; Southeast, Southwest, Midwest USA*; **Other incorporated collections:** None; **Former acronyms:** UKEN.

Survey data: 2017 survey.

ASM accreditation: None.

LOUISIANA

Centenary College Vertebrate Collection (formerly Centenary College Collection) (CCVC)

Biology Department, Centenary College, Shreveport, LA, 71104, U.S.A.

Contact: Scott Chirhart (schirhar@centenary.edu), 318-869-5209

Additional contacts: Brad McPherson (abmcperson@yahoo.com)

Website: None; **Data availability:** *Hardcopy Collection Catalog*; **Holdings:** *few specimens*; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey. *Previously held specimens from Costa Rica and Nicaragua have been transferred to Universidad Nacional in Heredia, Costa Rica, which was subsequently transferred to the Costa Rican National Museum. Material from Louisiana and other U.S. states was transferred to LSU Shreveport*

ASM accreditation: None.

Louisiana State University in Shreveport, Museum of Life Sciences (LSUS)

One University Place, Shreveport, LA, 71115-2399, U.S.A.

Contact: James Ingold (jingold@pilot.lsus.edu), 318-797-5236

Additional contacts: Laurence M. Hardy (lsusmus@prysm.net), 318-797-5338

Website: <http://www.shreve.net/~lsusmus>; **Data availability:** *Digitized Collection Catalog*; **Holdings:** 2,032 specimens; 0 holotypes; **Tissues:** 500 (EtOH); **Taxonomic emphasis:** *Largest holdings are Rodentia and Chiroptera*; **Geographic emphasis:** *Regional; northwestern Louisiana, southern Arkansas, and Arizona USA; Mexico*; **Other incorporated collections:** *Centenary College Vertebrate Collection (CCVC)*; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Louisiana State University, Museum of Natural Science (LSUMZ)

119 Foster Hall, Louisiana State University, Baton Rouge, LA, 70803-3216, U.S.A.

Contact: Jacob A. Esselstyn (esselstyn@lsu.edu), 225-578-3083

Additional contacts: Steven W. Cardiff (scardif@lsu.edu), 225-578-9289

Website: <http://www.LSU.edu/museum>; **Data availability:** Digitized Collection Catalog, <http://www.museum.lsu.edu>, VertNet; **Holdings:** 37,117 specimens; 23 holotypes; **Tissues:** 8,000 (frozen); **Taxonomic emphasis:** Largest holdings are Neotropical Chiroptera, Rodentia, and rare Neotropical species of other mammalian orders; **Geographic emphasis:** Regional to worldwide; southcentral USA, Mexico, Central and South America; **Other incorporated collections:** University of Southwestern Louisiana, Biology Museum (USLBM); Tulane University (TU); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975, 1989.

Louisiana Tech University (LTU)

Zoology Vertebrate Research Collection (LTU), Department of Zoology, Louisiana Tech University, Ruston, LA, 71272, U.S.A.

Contact: Natalie Clay (nclay@latech.edu), 318-257-3197

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 2,588 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Northwestern State University of Louisiana (NSUL)

Department of Biology, Northwestern State University, Natchitoches, LA, 71201, U.S.A.

Contact: (bio_sci@nsula.edu), 318-357-5323

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 1,740 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Yates et al. 1987.

ASM accreditation: None.

Southeastern Louisiana University, Vertebrate Museum (SLU)

Department of Biological Sciences, Southeastern Louisiana State University, 808 N. Pine Street Extension, Hammond, LA, 70402-0814, U.S.A.

Contact: Kyle R. Piller (kyle.piller@selu.edu), 985-549-5191

Additional contacts: 505-277-9262

Website: <http://www2.southeastern.edu/orgs/vertebratemuseum/>; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 534 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Louisiana at Monroe (NLU)

Department of Biology, University of Louisiana Monroe, 4020 Northeast Dr., Monroe, LA, 71209, U.S.A.

Contact: John Carr (carr@ulm.edu, naturalhistory@ulm.edu), 318-342-1796

Additional contacts: Dennis Bell (bell@ulm.edu), 318-342-1802

Website: <http://www.ulm.edu/mnh>; **Data availability:** N/A; **Holdings:** 1,100 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** NELU.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

MAINE

Maine State Museum (MSM)

230 State Street, Augusta, ME, 04330, U.S.A.

Contact: Paula T. Work (paula.work@maine.gov), 207-287-8109

Additional contacts: 505-277-9262

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 2,000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** University of Maine, Farmington (UMF) collection; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Maine (UMO)

Department of Wildlife, Fisheries, and Conservation Biology, University of Maine, Orono, ME, 04469, U.S.A.

Contact: Daniel Harrison (harrison@maine.edu), 207-581-2867

Additional contacts: Paula Work (paula.work@maine.gov), 505-277-9262

Website: None; **Data availability:** None; **Holdings:** 1,532 specimens; 0 holotypes; **Tissues:** 0; **Taxonomic emphasis:** Largest holdings are Carnivora (*Canis latrans*, *Martes pennanti*, *Martes americana* skulls); **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey. Collection slated for transfer to Maine State Museum in 2018.

ASM accreditation: None.

MARYLAND

Frostburg State University Mammal Collection (FSUMC)

128 Gunter Hall, Frostburg State University, Frostburg, MD, 21532, U.S.A.

Contact: Thomas D Lambert (tdlambert@frostburg.edu), 301-687-4167

Additional contacts: 505-277-9262

Website: None; **Data availability:** Digitized Collection Catalog; **Holdings:** 3,000 specimens; 0 holotypes; **Tissues:** 200 (frozen); **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; Mid-Atlantic states, particularly Maryland and West Virginia USA; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

MASSACHUSETTS

Beneski Museum of Natural History, Amherst College (ACM.OS (osteology), ACM.TXD (taxidermy))

Amherst College, 11 Barrett Hill Dr., Amherst, MA, 01002, U.S.A.

Contact: Kate Wellspring (kwellspring@amherst.edu), 413-542-2165, ext. 1

Additional contacts: N/A

Website: <https://www.amherst.edu/museums/naturalhistory/collections/osteology>; **Data availability:** Digitized Collection Catalog; **Holdings:** 1,260 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; northeastern USA; **Other incorporated collections:** None; **Former acronyms:** PMNH.

Survey data: 2017 survey.

ASM accreditation: None.

Harvard University, Museum of Comparative Zoology (MCZ)

Department of Mammalogy, 52 Oxford St., Cambridge, MA, 02138, U.S.A.

Contact: Hopi Hoekstra (hoekstra@oeb.harvard.edu), 617-495-2469

Additional contacts: Judeth Chubasko (jchupasko@oeb.harvard.edu), 617-495-2469

Website: <http://www.mcz.harvard.edu/Departments/Mammals>; **Data availability:** Digitized Collection Catalog, <http://mczbase.mcz.harvard.edu/SpecimenSearch.cfm>, VertNet, GBIF; **Holdings:** 89,000 specimens; 327 holotype; **Tissues:** 3500 (frozen, EtOH, dried); **Taxonomic emphasis:** Strong in most taxonomic groups, including Primates and marine mammals; **Geographic emphasis:** Worldwide; **Other incorporated collections:** Boston Society of Natural History (part); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975.

Massachusetts Division of Fisheries and Wildlife (MDFW)

Field Headquarters, 1 Rabbit Road, Westborough, MA, 01581, U.S.A.

Contact: Thomas French, 508-792-7270

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 115 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; Massachusetts USA; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Peabody Essex Museum (PEM)

East India Square, Salem, MA, 01970, U.S.A.

Contact: Jane M. Winchell (janey_winchell@pem.org), 978-745-1876 ext 3127

Additional contacts: Brooke DiGiovanni Evans (brooke_evens@pem.org), 978-745-1876 ext 3076

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 295 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** PMS.

Survey data: 2017 survey.

ASM accreditation: None.

Springfield Science Museum (SSM)

21 Edwards Street, Springfield, MA, 01103, U.S.A.

Contact: David J. Stier (dstier@springfieldmuseums.org), 413-263-6800 ext 321

Additional contacts: N/A

Website: <http://www.springfieldmuseums.org>; **Data availability:** Digitized Collection Catalog; **Holdings:** 900 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Artiodactyla, Rodentia, Carnivora; **Geographic emphasis:** Local, but with specimens from North America and Africa; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1991, 2000, 2013.

University of Massachusetts, Natural History Collections (UMA)

Department of Biology, 321 Morrill Science Center, Amherst College, 11 Barrett Hill Dr., Amherst, MA, 01002, U.S.A.

Contact: Elizabeth Dumont (bdumont@bio.umass.edu), 413-545-3565

Additional contacts: Katherine Doyle (kdoyle@bio.umass.edu), 413-577-2303

Website: <http://bcrc.bio.umass.edu/ummnh/>; **Data availability:** Digitized Collection Catalog, <http://bcrc.bio.umass.edu/ummnh/mammal.phtml>; **Holdings:** 6,000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Chiroptera, Rodentia, Eulipotyphla, and Cetacea; **Geographic emphasis:** Regional; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 2006.

Westfield State College, Museum and Herbarium (WSC)

Westfield State College, Westfield, MA, 01086, U.S.A.

Contact: David A. Lovejoy (dlovejoy@westfield.ma.edu), 413-572-5307

Additional contacts: Buzz Hoagland (bhoagland@westfield.ma.edu), 413-572-5308

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 1,652 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Largest holdings are Rodentia (*Peromyscus*); **Geographic emphasis:** Local; **Other incorporated collections:** David A. Lovejoy Collection (DALC); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

MICHIGAN

Cranbrook Institute of Science (CIS)

Cranbrook Institute of Science (CIS), 39221 Woodward Avenue, P.O. Box 80, Bloomfield Hills, MI, 48303-0801, U.S.A.

Contact: Michael Stafford (mstafford@cranbrook.edu), 248-645-3261

Additional contacts: N/A

Website: <http://www.cranbrook.edu/institute/index.shtml>; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 305 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey.
ASM accreditation: None.

Eastern Michigan University, T. L. Hankinson Vertebrate Museum (EMU)

Department of Biology, Eastern Michigan University, Ypsilanti, MI, 48197, U.S.A.

Contact: Allen Kurta (akurta@emich.edu), 734-487-1174

Additional contacts: N/A

Website: None; *Data availability:* Digitized Collection Catalog; *Holdings:* 976 specimens; 0 holotypes; *Tissues:* None; *Taxonomic emphasis:* None; *Geographic emphasis:* Local; *Other incorporated collections:* None; *Former acronyms:* None.

Survey data: 2017 survey.

ASM accreditation: None.

Hope College Museum of Zoology (HCMZ)

Department of Biology, Hope College, Holland, MI, 49422-9000, U.S.A.

Contact: Kathy Winnett-Murray (winnetmurray@hope.edu), 616-395-7719

Additional contacts: Virginia McDonough (mcdonough@hope.edu), 616-395-7720

Website: None; *Data availability:* Hardcopy Collection Catalog; *Holdings:* 328 specimens; 0 holotypes; *Tissues:* None; *Taxonomic emphasis:* Largest holdings are Rodentia; *Geographic emphasis:* Local; *Other incorporated collections:* None; *Former acronyms:* None.

Survey data: 2017 survey.

ASM accreditation: None.

Lake Superior State University (LSSU)

Biology Department, Lake Superior State University, Sault Sainte Marie, MI, 49783, U.S.A.

Contact: Jason Garvon (jgarvon@lssu.edu)

Additional contacts: John Roesse (jroese@lssu.edu)

Website: <http://www.lssu.edu/biology/>; *Data availability:* None; *Holdings:* 300 specimens; 0 holotypes; *Tissues:* None; *Taxonomic emphasis:* None; *Geographic emphasis:* None; *Other incorporated collections:* None; *Former acronyms:* LSSC.

Survey data: Yates et al. 1987.

ASM accreditation: None.

Michigan State University Museum Mammal Collection (MSU)

Division of Natural Science, 409 West Circle Drive, Room 103, East Lansing, MI, 48824-1045, U.S.A.

Contact: Barbara Lundrigan (lundriga@msu.edu), 517-355-6752

Additional contacts: Laura Abraczinskas (abraczil@msu.edu), 517-355-1290

Website: museum.msu.edu/?q=natural; *Data availability:* Digitized Collection Catalog, museum.msu.edu/?q=natural, VertNet, GBIF, iDigBio; *Holdings:* 41,395 specimens; 0 holotypes; *Tissues:* 1,094 (frozen); *Taxonomic emphasis:* Strong in many taxonomic groups; *Geographic emphasis:* Worldwide; emphasis on Michigan and Great Lakes Region USA, with holdings from Neotropics, particularly Mexico; *Other incorporated collections:* MSU Kellogg Bird Sanctuary vertebrate collections; *Former acronyms:* None.

Survey data: 2017 survey.

ASM accreditation: 1975, 1985.

Museum of Cultural and Natural History, Central Michigan University (MCNH)

103 Rowe Hall, Central Michigan University, Mt. Pleasant, MI, 48859, U.S.A.

Contact: Kirsten E. Nicholson (nicho2ke@cmich.edu), 517-774-3829

Additional contacts: Angela Riedel (riedelam@cmich.edu), 989-774-3829

Website: <http://www.museum.cmich.edu>; **Data availability:** Digitized Collection Catalog; Past Perfect; GBIF; **Holdings:** 3,458 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local, central Michigan USA; **Other incorporated collections:** None; **Former acronyms:** CCNH.

Survey data: 2017 survey.

ASM accreditation: None.

Public Museum of Grand Rapids (GRPM)

Community Archives and Research Center, 223 Washington Street SE, Grand Rapids, MI, 49504, U.S.A.

Contact: Tim Priest (tpriest@grpm.org), 616 929-1806

Additional contacts: Marilyn Merdzinski (mmerdzinski@grpm.org), 616 929-1801

Website: <http://www.grpmcollections.org>; **Data availability:** Digitized Collection Catalog, <http://www.grpmcollections.org>; **Holdings:** 644 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Regional; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Michigan Museum of Zoology (UMMZ)

University of Michigan, 1109 Geddes Avenue, Ann Arbor, MI, 48109-1079, U.S.A.

Contact: Priscilla Tucker (ptuck@umich.edu), 734-647-2207

Additional contacts: Cody Thompson (cwthomp@umich.edu), 734-615-2810

Website: <http://www.lsa.umich.edu/ummz/default.asp>; **Data availability:** Digitized Collection Catalog, VertNet, GBIF, iDigBio; **Holdings:** 128,075 specimens; 127 holotypes; **Tissues:** 7,289 (frozen); **Taxonomic emphasis:** Strong in most taxonomic groups, including Rodentia, Eulipotyphla, Chiroptera, and Carnivora; **Geographic emphasis:** Worldwide; Mexico, Philippines, Paraguay, Costa Rica, and Panama; **Other incorporated collections:** Lee R. Dice Collection of Peromyscus (60,000 uncatalogued specimens), former Fredrick H. Test Collection (FHTC), and University of Michigan Department of Zoology Collection (UMDZ); **Former acronyms:** None.

Survey data: 2017 survey; 1997 and 2007 survey numbers included approximately 15,000 uncatalogued specimens.

ASM accreditation: 1975, 1987.

Wayne State University, Museum of Natural History (WSUMNH)

Department of Biological Sciences, Rm 1155, Wayne State University, 5047 Gullen Mall, Detroit, MI, 48202, U.S.A.

Contact: David Njus (dnjus@wayne.edu), 313-577-2783

Additional contacts: Dan Kashian (dkash@wayne.edu), 313-577-9093

Website: http://bio.wayne.edu/outreach/natural_history.html; **Data availability:** N/A; **Holdings:** 1,352 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: Yates et al. 1987.
ASM accreditation: None.

MINNESOTA

Bemidji State University, Vertebrate Collections (BSCVC)

Department of Biology, Bemidji State University, Bemidji, MN, 56601, U.S.A.

Contact: Elizabeth Rave (erave@bemidjistate.edu), 218-755-2785

Additional contacts: N/A

Website: None; **Data availability:** Digitized Collection Catalog; **Holdings:** 5,900 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; Minnesota USA; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Saint John's University, Biology Collections (SJUBC)

Department of Biology, St. John's University, Collegeville, MN, 56321-3000, U.S.A.

Contact: Philip C. Chu, 320-363-3561

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 720 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; central Minnesota USA; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

The Science Museum of Minnesota (SMM)

120 West Kellogg Blvd., St. Paul, MN, 55102, U.S.A.

Contact: Jackie Hoff (jhoff@smm.org), 651-221-9435

Additional contacts: Richard J. Oehlenschlager (dicko@smm.org), 651-221-9450

Website: <http://www.smm.org>; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 35,000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; Minnesota USA; **Other incorporated collections:** F. J. Jannett Collection;

Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Minnesota, Duluth (UMD)

Department of Biology, University of Minnesota, Duluth, MN, 55812, U.S.A.

Contact: Ron Moen (rmoen@d.umn.edu), 218-726-7774

Additional contacts: Frank Maragi (fmaragi@d.umn.edu), 218-726-7035

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 1,150 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; northern Minnesota USA; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Minnesota, James Ford Bell Museum of Natural History (MMNH)

Mammal Collection, 100 Ecology Building, University of Minnesota, 1987 Upper Buford Circle, St. Paul, MN, 55105, U.S.A.

Contact: Sharon Jansa (jansa003@umn.edu), 612-624-6293

Additional contacts: N/A

Website: <http://www.bellmuseum.org/>; **Data availability:** Digitized Collection Catalog, VertNet, GBIF; **Holdings:** 19,174 specimens; 0 holotypes; **Tissues:** 200 (frozen, EtOH, buffer); **Taxonomic emphasis:** Largest holdings are Marsupialia, Rodentia, and Chiroptera; **Geographic emphasis:** Worldwide; Minnesota USA, Philippines, Mexico, Patagonia; **Other incorporated collections:** University of Minnesota Wildlife Collection (UMDFW); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975.

MISSISSIPPI

Mississippi Museum of Natural Science (MMNS)

2148 Riverside Dr., Jackson, MS, 39202, U.S.A.

Contact: Scott Peyton (collections.manager@mmns.state.ms.us), 601-576-6060

Additional contacts: N/A

Website: None; **Data availability:** Digitized Collection Catalog; **Holdings:** 7,743 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; Mississippi USA; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey.

ASM accreditation: None.

Mississippi State University, Zoological Collections (MSUZ)

Harned Hall, Mississippi State University, Starkville, MS, 39762, U.S.A.

Contact: Tom Holder (Holder@biology.msstate.edu), 662-325-7578

Additional contacts: N/A

Website: None; **Data availability:** Hardcopy Collection Catalog; **Holdings:** 1,000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** Local; **Other incorporated collections:** None; **Former acronyms:** MISSU.

Survey data: 2017 survey.

ASM accreditation: None.

MISSOURI

Central Missouri State University (CMSU)

Biology Department, Central Missouri State University, Warrensburg, MO, 64093, U.S.A.

Contact: Cassandra Pauling (pauling@ucmo.edu), 660-543-8027

Additional contacts: Fanson Kidwaro (kidwaro@ucmo.edu), 660-543-8827

Website: <http://www.ucmo.edu>; **Data availability:** Digitized Collection Catalog; **Holdings:** 2,303 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** None; **Geographic emphasis:** None; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Gaylord Memorial Laboratory Museum (GML)

Route 1, Box 185, Puxico, MO, 63960, U.S.A.

Contact: Leigh Fredrickson (N/A), 505-277-1358

Additional contacts: N/A

Website: None; Data availability: None; Holdings: 100 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: Local; Other incorporated collections: None; Former acronyms: None.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

Truman State University (NEMSU)

Truman State University, 100 E. Normal Ave., Kirksville, MO, 63501, U.S.A.

Contact: Chad E Montgomery (chadmont@truman.edu), 660-785-4587

Additional contacts: Stephanie Fore (sfore@truman.edu), 660-785-4604

Website: None; Data availability: Digitized Collection Catalog; Holdings: 5,100 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Largest holdings are Rodentia; Geographic emphasis: Regional; Missouri, Midwest USA; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Missouri, Museum of Zoology (MUMZ)

112 Stephens Hall, University of Missouri, Columbia, MO, 65211, U.S.A.

Contact: None

Additional contacts: N/A

Website: None; Data availability: None; Holdings: 3,791 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: None; Other incorporated collections: None; Former acronyms: None.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

MONTANA

Glacier National Park Museum Collection (GLAC)

Glacier National Park, P. O. Box 128, West Glacier, MT, 59936, U.S.A.

Contact: Deirdre Shaw (Deirdre_Shaw@nps.gov), 406-888-7936

Additional contacts: N/A

Website: <https://www.nps.gov/glac/learn/historyculture/collections.htm>; Data availability: Digitized Collection Catalog; Holdings: 283 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: None; Geographic emphasis: Local; Glacier National Park; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Montana Fish, Wildlife & Parks, Wildlife Laboratory (MTFWP)

1400 South 19th Ave., Bozeman, MT, 59718, U.S.A.

Contact: Neil Anderson (nanderson@mt.gov), 406-994-6358

Additional contacts: Keri Carson, 406-994-6357

Website: *None*; **Data availability:** *Digitized Collection Catalog*; **Holdings:** *200 specimens; 0 holotypes*; **Tissues:** *1,000 (frozen)*; **Taxonomic emphasis:** *Largest holdings are Carnivora (Ursus)*; **Geographic emphasis:** *Regional; Montana USA*; **Other incorporated collections:** *None*; **Former acronyms:** *MSUB*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

Philip L. Wright Zoological Museum, University of Montana (UMZM)

Health Sciences 212, Division of Biological Sciences, University of Montana, Missoula, MT, 59812, U.S.A.

Contact: Paul Hendricks (paul.hendricks@umontana.edu), 406-243-4743

Additional contacts: Charles Janson (charles.janson@umontana.edu), 406-243-5122

Website: <http://zoologicalmuseum.dbs.umt.edu/default.htm>; **Data availability:** *Digitized Collection Catalog, <http://zoologicalmuseum.dbs.umt.edu/default.htm>*; **Holdings:** *14,600 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *Largest holdings are Carnivora and Cetartiodactyla*; **Geographic emphasis:** *Regional; Montana USA, with other holdings from China, Russia*; **Other incorporated collections:** *John & Frank Craighead grizzly bear collection; Dennis L. Flath Collection*; **Former acronyms:** *UMZ, MSUZ*.

Survey data: *2017 survey.*

ASM accreditation: *1975, 1985, 2002.*

NEBRASKA

Hastings College, Collection of Vertebrates (HCCV)

Department of Biology, Hastings College, Hastings, NE, 68901, U.S.A.

Contact: Dallas E. Wilhelm, Jr. (dwillhelm@hastings.edu), 402-461-7382

Additional contacts: N/A

Website: *None*; **Data availability:** *None*; **Holdings:** *550 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *None*; **Geographic emphasis:** *None*; **Other incorporated collections:** *collection contains a few specimens transferred from Hastings Museum (HM)*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

Hastings Museum (HM)

1330 North Burlington, Hastings, NE, 68901, U.S.A.

Contact: Teresa Kreutzer-Hodson (collections@hastingsmuseum.org), 402-461-2399

Additional contacts: Jessica Noyd (registrar@hastingsmuseum.org), 402-461-2399

Website: *None*; **Data availability:** *Digitized collection database*; **Holdings:** *264 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *Taxidermy mounts*; **Geographic emphasis:** *North America*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

Kearney State University, Vertebrate Museum (KMNH)

Biology Department, University of Nebraska, Kearney, 2401 11th Avenue, Kearney, NE, 68849, U.S.A.

Contact: Joseph T. Springer (springerj@unk.edu), 308-865-8920

Additional contacts: Keith Geluso (gelusok1@unk.edu), 308-865-8982

Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 4495 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Chiroptera, Rodentia and other small mammals; **Geographic emphasis:** Central Plains; **Other incorporated collections:** None; **Former acronyms:** VMKSC.

Survey data: 2017 survey.

ASM accreditation: N/A

University of Nebraska at Omaha (UNO)

Department of Biology, University of Nebraska at Omaha, Omaha, NE, 68182-0040, U.S.A.

Contact: James A. Wilson (jameswilson@unomaha.edu), 402-554-2585

Additional contacts: Jeremy White (jeremywhite@unoamaha.edu), 402-554-3532

Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 704 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Local emphasis; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: N/A

University of Nebraska State Museum (UNSM)

Biodiversity Laboratory of Zoology, University of Nebraska, Lincoln, Lincoln, NE, 68588-0514, U.S.A.

Contact: Patricia Freeman (pfreeman@unlinfo.unl.edu), 402-472-6606

Additional contacts: Thomas E. Labeledz (tlabeledz@unlinfo.unl.edu), 402-472-8366

Website: <http://museum.unl.edu/research/zoology/index.html>; **Data availability:** Digitized collection database; VertNet, GBIF; **Holdings:** 22235 specimens; 2 holotypes; **Tissues:** None; **Taxonomic emphasis:** Concentration of complete skeletons; **Geographic emphasis:** large series of regional species; specimens of historical importance; Good representation of bats from Caribbean, Trinidad, Tobago; **Other incorporated collections:** University of South Dakota (USD); Chadron State College, Collection of Vertebrates (CSCCV); Elgin Gates Worldwide Trophy Collection; some specimens from University of Nebraska at Omaha (UNO); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975.

NEVADA

Nevada State Museum (NSMC)

600 North Carson Street, Carson City, NV, 89701-4004, U.S.A.

Contact: George D. Baumgardner (gbaumgardner@nevadaculture.org), 775-687-4810 ext 236

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 1850 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Nevada; **Other incorporated collections:** Foresta Institute **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: N/A

University of Nevada Las Vegas Mammal Collection (LVMC; separate "Las Vegas tissue collection" (LVT))

University of Nevada Las Vegas, 4505 S. Maryland Parkway, Las Vegas, NV, 89154-4004, U.S.A.

Contact: Brett R. Riddle (brett.riddle@unlv.edu), 702-895-3133

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 7600 specimens; 0 holotypes; **Tissues:** 6000; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional emphasis, mostly, but not exclusively, southwest desert region, vouchers for area of Lake Mead prior to its inundation; **Other incorporated collections:** merged collections of University of Nevada Las Vegas (housed for a period by the Nevada State Museum & Historical Society, Las Vegas-NSMHS) and the J. R. Alcorn Collection (JRAC); also houses the mammal collection of Lake Mead National Recreation Area (LAME); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: N/A

University of Nevada, Museum of Natural History (UNR)

Department of Biology (MS 0314), University of Nevada, Reno, NV, 89557, U.S.A.

Contact: Chris R Feldman (ophis@unr.edu), 775-784-4053

Additional contacts: Marjorie Matocq (mmatocq@cabnr.unr.edu), 775-784-4621

Website: temp address: http://wolfweb.unr.edu/~ophis/Feldman_Lab/Museum.html; **Data availability:** Digitized collection database; VertNet; **Holdings:** 1900 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia: Sciuridae, Heteromyidae, Cricetidae; **Geographic emphasis:** local emphasis; **Other incorporated collections:** Utah State University (not yet accessioned) **Former acronyms:** UNEVR.

Survey data: 2017 survey.

ASM accreditation: None.

NEW HAMPSHIRE

University of New Hampshire (UNH)

Natural Resources & the Environment, University of New Hampshire, Durham, NH, 3824, U.S.A.

Contact: Rebecca Rowe (rebecca.rowe@unh.edu), 603-862-2810

Additional contacts: N/A

Website: None; **Data availability:** None; **Holdings:** 1734 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: N/A

NEW JERSEY

Trailside Nature and Science Center (TNSC)

Division of Parks and Recreation, 452 New Providence Road, Mountainside, NJ, 7092, U.S.A.

Contact: Patricia Bertsch (trailside@ucnj.org), 908-789-3670

Additional contacts: *N/A*

Website: *None*; **Data availability:** *None*; **Holdings:** *136 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *taxidermy mounts*; **Geographic emphasis:** *N/A*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *N/A*

NEW MEXICO

Carlsbad Caverns National Park (CAVE)

3225 National Parks Highway, Carlsbad, NM, 88220, U.S.A.

Contact: Samuel Denman (samuel_denman@nps.gov), (575) 234-6716

Additional contacts: *N/A*

Website: *None*; **Data availability:** *N/A*; **Holdings:** *225 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *Chiroptera*; **Geographic emphasis:** *SE New Mexico, Guadalupe Mountains*; **Other incorporated collections:** *None*; **Former acronyms:** *CACA*.

Survey data: *2017 survey.*

ASM accreditation: *N/A*

Eastern New Mexico University, Natural History Museum (ENMUNHM)

Eastern New Mexico University, Portales, NM, 88130, U.S.A.

Contact: Zach Jones (zach.jones@enmu.edu), 575-562-2723

Additional contacts: Darren Pollock (Darren.pollock@enmu.edu), 575-562-2862

Website: www.enmu.edu/academics/excellence/museums/natural-history/index.shtml; **Data availability:** *Digitized collection database; http://nmbiodiversity.org/*; **Holdings:** *11600 specimens; 0 holotypes*; **Tissues:** *1300*; **Taxonomic emphasis:** *Rodentia*; **Geographic emphasis:** *eastern New Mexico, south of Canadian River*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *None*.

New Mexico Department of Health Zoonoses Program (NMDOH)

1190 St. Francis Drive, Sante Fe, NM, 87505, U.S.A.

Contact: Elizabeth S. VinHatton (elizabeth.vinhatton@state.nm.us), 505-827-0006

Additional contacts: Sandra Melman (sandra.melman@state.nm.us), 505-827-0006

Website: *None*; **Data availability:** *None*; **Holdings:** *160 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *Mostly rodents involved in plague zoonotic cycle in New Mexico*; **Geographic emphasis:** *New Mexico*; **Other incorporated collections:** *formerly the New Mexico Environment Department and New Mexico Environmental Improvement Agency (NMEIA).*

Former acronyms: *NMED.*

Survey data: *2017 survey.*

ASM accreditation: *None*.

New Mexico State University Vertebrate Wildlife Museum (aka "NMSU Wildlife Museum") (NMSUVWM)

P.O.Box 30003, Campus Box 4901, New Mexico State University, Las Cruces, NM, 88003-0003, U.S.A.

Contact: Jennifer K. Frey (jfrey@nmsu.edu), 575-646-3395

Additional contacts: N/A

Website: <http://aces.nmsu.edu/wildlifemuseum/index.html>; **Data availability:** Digitized collection database; contact curator; **Holdings:** 3000 specimens; 0 holotypes; **Tissues:** 1700; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Southern New Mexico; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: N/A

The Vertebrate Museum, New Mexico State University (NMSU)

P.O. Box 30001, MSC 3 AF, New Mexico State University, Las Cruces, NM, 88003-8001, U.S.A.

Contact: Jennifer K. Frey (jfrey@nmsu.edu), 575-646-3395

Additional contacts: Peter Houde (phoude@nmsu.edu)

Website: <http://web.nmsu.edu/~jfrey/wildlifemuseum.html>; **Data availability:** Digitized collection database; contact curator; **Holdings:** 13992 specimens; 0 holotypes; **Tissues:** 176; **Taxonomic emphasis:** Thomomys; **Geographic emphasis:** Southwestern USA; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1977.

University of New Mexico, Museum of Southwestern Biology (MSB)

MSC03 2020, 1 University of New Mexico, Albuquerque, NM, 87131, U.S.A.

Contact: Joseph A. Cook (tucjoe@gmail.com), 505-277-1358

Additional contacts: Jonathan L. Dunnun (jldunnun@unm.edu), 505-277-9262

Website: <http://msb.unm.edu/>; **Data availability:** Digitized collection database; <http://arctos.database.museum>; Vertnet, GBIF, IDigBio; **Holdings:** 305000; 21 holotypes (plus 63 paratypes, 179 parasite symbiotypes, 35 viral symbiotypes); **Tissues:** 173000 specimens; **Taxonomic emphasis:** Largest holdings are of Rodentia, Chiroptera, Eulipotyphla, and Carnivora of the western United States, Beringia, Mexico, Central and South America, Japan and Central Asia. Majority have associated frozen tissues and parasites; **Geographic emphasis:** Worldwide in scope: emphasizes the western United States, Mongolia, Mexico, Central and South America, Beringia, Japan and Central Africa; **Other incorporated collections:** University of Illinois Museum of Natural History Collection (UIMNH) (part), USGS Biological Surveys Collection, New Mexico Museum of Natural History and Science, Robert L. Rausch mammal and parasite collections, Jackson Whitman Collection, James Lackey collection, Philmont Scout Ranch-ET Seton Memorial Library Collection, Sevilleta National Wildlife Refuge Long-Term Ecological Research Network (LTER), and USFWS Mexican Wolf Recovery Program. The MSB serves as the biorepository for mammalian samples and specimens collected between 2013-2017 from the National Ecological Observatory Network (NEON). The MSB also holds all tissues from the joint MSB/AMNH/CBF/MHNNKM Bolivian expeditions (1984-1993). **Former acronyms:** UNM.

Survey data: 2017 survey.

ASM accreditation: 1975, 1987, 2008.

Western New Mexico University (WNMU)

Biology Collection, Western New Mexico University, Silver City, NM, 88062, U.S.A.

Contact: Randy D. Jennings (jenningsr@wnmu.edu), (575) 538-6519

Additional contacts: N/A,

Website: <http://www.wnmu.edu/univ/museum.htm>; **Data availability:** Digitized collection database; <http://arctos.database.museum>; Vertnet, GBIF; **Holdings:** 6937 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Regional collection focused on southwestern New Mexico, with additional representatives of African and South American mammal faunas.; **Geographic emphasis:** Southwestern NM; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: N/A

White Sands National Monument (WSNM)

PO Box 1086, Holloman AFB, NM, 88330, U.S.A.

Contact: (575) 479-6124 ext. 236

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 50 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** N/A; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Yates et al. 1987.

ASM accreditation: None.

NEW YORK

American Museum of Natural History (AMNH)

Central Park West at 79th Street, New York, NY, 10024-5192, U.S.A.

Contact: Nancy B. Simmons (simmons@amnh.org),

Additional contacts: Neil Duncan (duncan@amnh.org), (212) 769-5492

Website: <http://research.amnh.org/mammalogy>; **Data availability:** Digitized collection database; <http://research.amnh.org/mammalogy>; VertNet, GBIF; **Holdings:** 290333 specimens; 1107 holotypes; **Tissues:** 2864; **Taxonomic emphasis:** All mammalian orders, and most families are represented in the collections. The collection contains many historically important series, plus many specimens collected in the late 19th and early 20th centuries; **Geographic emphasis:** The collections are of worldwide geographic scope with specimens reported from nearly every country. Particularly well represented areas include the Western Hemisphere, Central and Southern Africa, China and Mongolia, Southeast Asia, (esp. the Islands of New Guinea and Sulawesi) and Australia; **Other incorporated collections:** Bluntchli Embryological Collection **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975, 1978.

Brooklyn Children's Museum (BCM)

145 Brooklyn Avenue, Brooklyn, NY, 11213, U.S.A.

Contact: Kate Calleri (kcalleri@brooklynkids.org), 718-735-4400

Additional contacts: *N/A*

Website: <http://www.brooklynkids.org/>; **Data availability:** *None*; **Holdings:** *80 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *exclusively taxidermy mounts*; **Geographic emphasis:** *N/A*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

Buffalo Society of Natural Sciences (BSNS)

Buffalo Museum of Science, 1020 Humboldt Parkway, Buffalo, NY, 14211-1293, U.S.A.

Contact: Kathryn Leacock (kleacock@sciencebuff.org), 716-896-5200 ext 376

Additional contacts: Paige Langle (plangle@sciencebuff.org), 716-896-5200 x378

Website: <http://www.sciencebuff.org/site/collections-menu/research-collections>; **Data availability:** *N/A*; **Holdings:** *2200 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *primarily local species*; **Geographic emphasis:** *Greater Niagara Region*; **Other incorporated collections:** *former J. J. Reedy Collection (Niagara University)*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

Cornell University Museum of Vertebrates (CUMV)

159 Sapsucker Woods Road, Ithaca, NY, 14850, U.S.A.

Contact: Jeremy Searle (jbs295@cornell.edu), 607-254-4236

Additional contacts: Charles M. Dardia (cmd7@cornell.edu), 607-254-2161

Website: http://www.cumv.cornell.edu/wiki/pages/S4p1u5Z3/CUMV_Mammal_Collection.html; **Data availability:** *Digitized collection database; MaNIS Vertnet, Arctos*; **Holdings:** *20000 specimens; 0 holotypes*; **Tissues:** *700*; **Taxonomic emphasis:** *> 50% are Rodentia especially Murids*; **Geographic emphasis:** *Northeastern North America*; **Other incorporated collections:** *None*; **Former acronyms:** *CU, CUVC.*

Survey data: *2017 survey.*

ASM accreditation: *1975*

Mohonk Preserve, Inc. (MP)

Daniel Smiley Research Center, 1000 Mountain Rest Road, New Paltz, NY, 12561, U.S.A.

Contact: John Thompson (jthompson@mohonkpreserve.org), 845-255-5969

Additional contacts: Paul C. Huth, 845-255-5969

Website: <http://www.mohonkpreserve.org/>; **Data availability:** *N/A*; **Holdings:** *200 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *local species*; **Geographic emphasis:** *Local species*; **Other incorporated collections:** *None*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

New York State Museum (NYSM)

3140 CEC, Albany, NY, 12203, U.S.A.

Contact: Robert S. Feranec (Robert.Feranec@nysed.gov), 518-474-5819

Additional contacts: Joseph Bopp (Joseph.Bopp@nysed.gov), 518-486-2005

Website:

http://www.nysm.nysed.gov/research_collections/collections/biology/mammalogy/index.html;
Data availability: Digitized collection database; request from jboopp@mail.nysed.gov; VertNet, GBIF; **Holdings:** 16225 specimens; 0 holotypes; **Tissues:** 1200; **Taxonomic emphasis:** Large series of coyote and small mammal skins and skeletons; **Geographic emphasis:** New York and northeastern USA; **Other incorporated collections:** contains collections formerly at St. Bonaventure University (STBU) and University of Albany (SUCEA) **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1975.

Roosevelt Wildlife Collection (RWC)

College of Environmental Science and Forestry, 1 Forestry Drive, Syracuse, NY, 13210, U.S.A.
Contact: Ronald J. Giegerich (rjgieger@esf.edu), 315-470-6763
Additional contacts: Mark V. Lomolino (island@esf.edu), 317-470-6742
Website: None; **Data availability:** N/A; **Holdings:** 3050 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia and Eulipotyphla; **Geographic emphasis:** local (New York); **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

State University of New York at Oneonta (SUNYO)

Biology Department, State University of New York-Oneonta, Oneonta, NY, 13820, U.S.A.
Contact: Elizabeth Bastiaans (elizabeth.bastiaans@oneonta.edu), 607-436-3746
Additional contacts: N/A
Website: None; **Data availability:** N/A; **Holdings:** 300 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** regional; **Geographic emphasis:** regional; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2007 survey; Contact information updated 2017.
ASM accreditation: None.

NORTH CAROLINA

North Carolina Museum of Natural Sciences (formerly North Carolina State Museum of Natural Sciences) (NCSM)

11 W. Jones Street, Raleigh, NC, 27601, U.S.A.
Contact: Lisa J. Gatens (lisa.gatens@naturalsciences.org), 919-707-9946
Additional contacts: Benjamin Hess (benjamin.hess@naturalsciences.org), 919-707-9944
Website: www.naturalsciences.org; **Data availability:** Digitized collection database; <http://collections.naturalsciences.org/searchMammals.aspx>, Vertnet, GBIF; **Holdings:** 21023 specimens; 0 holotypes; **Tissues:** 4000 (95%EtOH stored at -80C); **Taxonomic emphasis:** Rodentia, Soricomorpha; repository for manatees, good collection of marine mammals, otherwise all regional taxa well represented; **Geographic emphasis:** 75% are NC specimens, 90% from southeast, remaining 10% strongly represented by southwestern US, and throughout NA and abroad; **Other incorporated collections:** University of Kentucky (~5000), George Mason University (~1500); **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 2001.

North Carolina State University (NCSU)

Fisheries, Wildlife and Conservation Biology, North Carolina State University, Raleigh, NC, 27695-7617, U.S.A.

Contact: Roland Kays (rwkays@ncsu.edu), 919-707-8250

Additional contacts: Ben Hess (benjamin.hess@naturalsciences.org), (919) 707-9944

Website: None; **Data availability:** N/A; **Holdings:** 4150 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional emphasis; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey. Partial transfer of some of the non-teaching material to North Carolina Museum of Natural Sciences in the future.

ASM accreditation: None.

University of North Carolina Wilmington Vertebrate Collections (UNCW)

Department of Biology and Marine Biology, University of North Carolina Wilmington, Wilmington, NC, 28403-3297, U.S.A.

Contact: Wm. David Webster (webste@uncw.edu), 910-962-3756

Additional contacts: Brian Arbogast (arbogastb@uncw.edu), 910-962-2644

Website: None; **Data availability:** N/A; **Holdings:** 25000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** southeastern United States, especially North Carolina; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Wake Forest Vertebrate Collection (WFVC)

Department of Biology, Wake Forest University, Winston-Salem, NC, 27109, U.S.A.

Contact: Peter Weigl (weigl@wfu.edu), 336-758-5314

Additional contacts: Miriam Ashley-Ross, 336-758-5529

Website: None; **Data availability:** N/A; **Holdings:** 850 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** tree squirrels from eastern United States; **Geographic emphasis:** southeastern United States; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

NORTH DAKOTA

North Dakota State University, Vertebrate Collection (NDSUVC)

Department of Biological Sciences, North Dakota State University, Fargo, ND, 58105-5517, U.S.A.

Contact: Ned Dochtermann (ned.doctermann@ndsu.edu), 701-231-7353

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 2900 specimens; 0 holotypes; **Tissues:** 2; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** local emphasis; **Other incorporated collections:** None; **Former acronyms:** NDSU.

Survey data: 2017 survey.

ASM accreditation: None.

Northern Prairie Wildlife Research Center formerly Northern Prairie Science Center (NPSC) (NPWRC)

8711 37th St., SE, Jamestown, ND, 58401, U.S.A.

Contact: Robert Gleason (rgleason@usgs.gov), 701-253-5546

Additional contacts: N/A

Website: *www.npwrc.usgs.gov*; **Data availability:** *N/A*; **Holdings:** *50 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *N/A*; **Geographic emphasis:** *regional emphasis (northern Great Plains)*; **Other incorporated collections:** *None*; **Former acronyms:** *NPSC*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

State Historical Society of North Dakota (SHSND)

612 East Boulevard Avenue, Bismarck, ND, 58505-0830, U.S.A.

Contact: Chris Johnson (cjohnson@nd.gov), 701-328-2124

Additional contacts: Jenny Yearous (jyearous@nd.gov), 701-328-2099

Website: *None*; **Data availability:** *PastPerfect*; **Holdings:** *250; 0 holotypes*; **Tissues:** *1*; **Taxonomic emphasis:** *N/A*; **Geographic emphasis:** *North Dakota and Northern Great Plains*; **Other incorporated collections:** *None*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

University of North Dakota, Vertebrate Museum (UND)

Department of Biology, University of North Dakota, Grand Forks, ND, 58202, U.S.A.

Contact: Susan N. Ellis-Felege (susan.felege@email.und.edu), 701-777-3699

Additional contacts: N/A

Website: *None*; **Data availability:** *N/A*; **Holdings:** *4500 specimens; 0 holotypes*; **Tissues:** *3*; **Taxonomic emphasis:** *Rodentia*; **Geographic emphasis:** *Northern Great Plains*; **Other incorporated collections:** *None*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

OHIO

Cincinnati Museum Center at Union Terminal (CMC M-(Mammalogy))

1301 Western Ave., Cincinnati, OH, 45203, U.S.A.

Contact: Heather Farrington (Hfarrington@cincymuseum.org), 513-455-7163

Additional contacts: Emily Imhoff (Eimhoff@cincymuseum.org), 513-455-7181

Website: *None*; **Data availability:** *Digitized collection database; Excel database*; **Holdings:** *5000 specimens; 1 holotypes*; **Tissues:** *700*; **Taxonomic emphasis:** *may have paratypes of some Philippine rodents*; **Geographic emphasis:** *The Ohio Valley; The Philippines*; **Other incorporated collections:** *Parts of University of Cincinnati Collection*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: *None.*

Cleveland Museum of Natural History (CMNH)

1 Wade Oval Drive University Circle, Cleveland, OH, 44106, U.S.A.

Contact: Timothy O. Matson (tmatson@cmnh.org), 216-231-4600 ext 3247

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 15200 specimens; 0 holotypes; **Tissues:** 7; **Taxonomic emphasis:** Many taxa but Ohio Rodentia and Eulipotyphla best represented; only 300 new specimens since 1964; **Geographic emphasis:** Ohio, Arizona & Washington; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1994.

Biology Collections, Dayton Society of Natural History (DSNH)

Dayton Society of Natural History, 2600 DeWeese Parkway, Dayton, OH, 45414, U.S.A.

Contact: Donna Lewis, Asst. Curator of Biology (dlewis@boonshoftmuseum.org), 937-275-7431 ext 114

Additional contacts: Lynn Simonelli, Collections Manager (lsimonelli@boonshoftmuseum.org),

Website: www.boonshoftmuseum.org; **Data availability:** N/A; **Holdings:** 2008 specimens; 0 holotypes; **Tissues:** 6; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Southwestern Ohio species; local emphasis; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: N/A

Ohio Historical Society, Natural History Synoptic Collection (HCNHSC)

1982 Velma Avenue, Columbus, OH, 43211-2497, U.S.A.

Contact: David Dyer (ddyer@ohiohistory.org), 614-298-2055

Additional contacts: (lfloyd@ohiohistory.org),

Website: www.ohiohistory.org; **Data availability:** Digitized collection database; <http://www.ohiohistory.org/occ/menu.htm>; **Holdings:** 938 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Ohio and adjacent regions; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Ohio State University, Museum of Biological Diversity (OSUMZ)

1315 Kinnear Road, Ohio State University, Columbus, OH, 43212-1192, U.S.A.

Contact: Meg Daly (daly.66@osu.edu), 614-247-8412

Additional contacts: Angelika Nelson; Stephanie Malinich (nelson.794@osu.edu; tetrapods@osu.edu; malinich.3@osu.edu), 614-292-7773

Website: <https://tetrapods.osu.edu/>; **Data availability:** Digitized collection database; Vertnet; GBIF; **Holdings:** 6874 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** several hundred coyote skulls from Ohio; **Geographic emphasis:** Ohio; **Other incorporated collections:** Majority of Ohio Historical Society collection transferred here in 1970's; **Former acronyms:** None, OSUM is acronym used by VertNet and GBIF.

Survey data: 2017 Survey.

ASM accreditation: None.

Ohio University Vertebrate Collection (OUVC)

Irvine 018, Ohio University, Athens, OH, 45701-2939, U.S.A.

Contact: Scott M. Moody (moody@ohio.edu), 740-593-2360

Additional contacts: *N/A*

Website: *None*; **Data availability:** *N/A*; **Holdings:** *1300 specimens; 0 holotypes*; **Tissues:** *5*; **Taxonomic emphasis:** *Rodentia - Muroidea*; **Geographic emphasis:** *SE Ohio*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

Robert A. Hefner Museum of Natural History (HMNH)

100 Upham Hall, Miami University, Oxford, OH, 45056, U.S.A.

Contact: Donald G. Kaufman (kaufmadg@muohio.edu), 513-529-4617

Additional contacts: Julia Robinson (robins48@miamioh.edu), 513-529-4618

Website: *None*; **Data availability:** *N/A*; **Holdings:** *1224 specimens; 0 holotypes*; **Tissues:** *4*; **Taxonomic emphasis:** *Rodentia, Carnivora*; **Geographic emphasis:** *southwest Ohio*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

OKLAHOMA

Cameron University, Museum of Zoology (CUMZ)

Department of Biological Sciences, Cameron University, Lawton, OK, 73505, U.S.A.

Contact: Michael Husak (michaelh@cameron.edu), 580-581-2374

Additional contacts: *N/A*

Website: *None*; **Data availability:** *N/A*; **Holdings:** *1334 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *large series of Bassariscus astutus, Erethizon dorsatum, Notiosorex crawfordi, Neovison vison, Dipodomys ordii*; **Geographic emphasis:** *SW Oklahoma and Southern Great Plains*; **Other incorporated collections:** *None*; **Former acronyms:** *CCMZ*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

East Central University (ECENT)

Department of Biology, East Central University, 1100 E 4th Street, Ada, OK, 74820, U.S.A.

Contact: Larry L. Choate (lchoate@ecok.edu), 580-559-5499

Additional contacts: *N/A*

Website: *None*; **Data availability:** *N/A*; **Holdings:** *1505 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *N/A*; **Geographic emphasis:** *Local emphasis*; **Other incorporated collections:** *None*; **Former acronyms:** *ECUM*.

Survey data: *2017 survey.*

ASM accreditation: *None.*

Northeastern State University, Biological Collections (NSU)

Science Building, Northeastern State University, Tahlequah, OK, 74464, U.S.A.

Contact: Michael J. Shaughnessy, Jr. (shaughnm@nsuok.edu), 918-444-3823

Additional contacts: *N/A*

Website: *None*; **Data availability:** *N/A*; **Holdings:** *1200 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *Chiroptera*; **Geographic emphasis:** *NE Oklahoma, NW Arkansas*; **Other**

incorporated collections: Currently in possession of entire Dickinson State University, North Dakota, Collection (as long-term loan); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Oklahoma State University, Collection of Vertebrates (OSU COV)

Department of Zoology, Oklahoma State University, Stillwater, OK, 74078, U.S.A.

Contact: Karen McBee (mcbee@okstate.edu), 405-744-9680

Additional contacts: N/A

Website: <http://zoology.okstate.edu/research/collections>; **Data availability:** Digitized collection database; contact curator; **Holdings:** 13318 specimens; 1 holotype; **Tissues:** 5000; **Taxonomic emphasis:** Chiroptera, Rodentia: Sciuridae; **Geographic emphasis:** Oklahoma, Southern Great Plains, Ethiopia; **Other incorporated collections:** Wichita Mountains National Wildlife Refuge (WMWR); **Former acronyms:** OSU, OSUK, OSUS.

Survey data: 2017 survey.

ASM accreditation: 1999.

University of Central Oklahoma, Collection of Vertebrates (formerly Central State University CSUO) (UCOCV)

Biology Department, University of Central Oklahoma, Edmond, OK, 73034, U.S.A.

Contact: William Caire (wcaire@uco.edu), 405-974-5480

Additional contacts: Lynda Loucks (lloucks@uco.edu), 405-974-5017

Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 7014 specimens; 0 holotypes; **Tissues:** 890; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** Oklahoma, including several state records; **Other incorporated collections:** Oklahoma Baptist University (OBU), Southeastern Oklahoma University (SEU); **Former acronyms:** CSUCV, CSUO.

Survey data: 2017 survey.

ASM accreditation: 2014.

University of Oklahoma, Sam Noble Oklahoma Museum of Natural History (OMNH)

2401 Chautauqua, Norman, OK, 73072, U.S.A.

Contact: Janet K. Braun, Hayley C. Lanier (jkbraun@ou.edu, hclanier@ou.edu), 405-325-8978

Additional contacts: Brandi Coyner (bcoyner@ou.edu), 405-325-7988

Website: <http://www.snomnh.ou.edu/collections-research/mammalogy.htm>; **Data availability:** Digitized collection database; <http://www.snomnh.ou.edu/collections-research/mammalogy.htm>; VertNet, GBIF; **Holdings:** 67000 specimens; 1 holotype; **Tissues:** 7500; **Taxonomic emphasis:** Rodentia, Chiroptera; **Geographic emphasis:** Oklahoma, Tennessee, Mexico, Argentina; **Other incorporated collections:** University of Memphis (UM), Northern Oklahoma College A. D. Buck Museum; **Former acronyms:** OU, SNOMNH.

Survey data: 2017 survey.

ASM accreditation: 1975, 1982, 2009.

OREGON

Crater Lake National Park Museum and Archive Collections (CRLA)

P.O. Box 7, Crater Lake, OR, 97604, U.S.A.

Contact: Mary Merryman (mary_merryman@nps.gov), 541-594-3095

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 475 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Crater lake National Park and vicinity; **Other incorporated collections:** None; **Former acronyms:** CLNP.

Survey data: 2017 survey.

ASM accreditation: None.

Eastern Oregon University Vertebrate Museum (EOUVM)

One University Blvd., La Grande, OR, 87950-2899, U.S.A.

Contact: Laura Mahrt (lmahrt@eou.edu), 541-962-3022

Additional contacts: N/A

Website: in the process of being developed; **Data availability:** N/A; **Holdings:** 760 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** northeastern Oregon; **Other incorporated collections:** None; **Former acronyms:** EOSC, EOSCVM.

Survey data: 2017 survey.

ASM accreditation: None.

Portland State University, Museum of Vertebrate Biology (PSU)

P.O. Box 751, Portland, OR, 97207-0751, U.S.A.

Contact: Luis A. Ruedas (ruedas@pdx.edu), 503-725-9526

Additional contacts: Cecily Douglas (cecily2@pdx.edu), 503-725-3849

Website: <http://www.mvb.pdx.edu>; **Data availability:** Digitized collection database; Excel database; **Holdings:** 5200 specimens; 0 holotypes; **Tissues:** 1000; **Taxonomic emphasis:** Eulipotyphla, Chiroptera, Lagomorpha, Rodentia; **Geographic emphasis:** Oregon, Southeast Asia; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 Survey.

ASM accreditation: None.

Oregon State University, Department of Fisheries and Wildlife Mammal Collection (OSUFW)

Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR, 97331-3803, U.S.A.

Contact: Clinton W. Epps (clinton.epps@oregonstate.edu), 541-737-2478

Additional contacts: Brian Sidlauskas (brian.sidlauskas@oregonstate.edu), 541-737-6789

Website: None; **Data availability:** Digitized collection database; contact douglas.markle@oregonstate.edu; **Holdings:** 11000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Eulipotyphla, Rodentia, Lagomorpha; **Geographic emphasis:** Pacific Northwest, mostly Oregon; **Other incorporated collections:** Oregon State Game Commission Collection and Alex Walker Collection **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975, 1979.

Southern Oregon University, Museum of Vertebrate Natural History (SOUVMNH)

Department of Biology, Southern Oregon University, Ashland, OR, 97520, U.S.A.

Contact: Karen Stone (stonek@sou.edu), 541-552-6749

Additional contacts: *N/A*

Website: *None*; **Data availability:** *N/A*; **Holdings:** *2500 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *N/A*; **Geographic emphasis:** *Regional*; **Other incorporated collections:** *None*; **Former acronyms:** *SOSC, SOSCMVNH*.

Survey data: *2017 survey*.

ASM accreditation: *None*.

University of Oregon Museum of Natural and Cultural History (UOMNCH)

University of Oregon, Eugene, OR, 97403-1224, U.S.A.

Contact: Jon Erlandson (Jerland@uoregon.edu), 541-346-5115

Additional contacts: Pamela Endzweig (Endzweig@uoregon.edu), 541-346-5120

Website: *http://natural-history.uoregon.edu/*; **Data availability:** *N/A*; **Holdings:** *3000 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *voucher specimens for genetics studies conducted in the 1950s*; **Geographic emphasis:** *Oregon*; **Other incorporated collections:** *MNCH*; **Former acronyms:** *UO*.

Survey data: *2017 survey*.

ASM accreditation: *None*.

Willamette University Museum (WUME)

900 State Street SE, Salem, OR, 97301, U.S.A.

Contact: David P. Craig (dpcraig@willamette.edu), 503-370-6333

Additional contacts: *N/A*

Website: *http://www.willamette.edu/cla/biology/*; **Data availability:** *Digitized collection database; by request*; **Holdings:** *1000 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *Willamette Valley population of *Sciurus carolinensis**; **Geographic emphasis:** *Mainly teaching collection*; **Other incorporated collections:** *None*; **Former acronyms:** *None*.

Survey data: *2017 survey*.

ASM accreditation: *None*.

PENNSYLVANIA

Academy of Natural Sciences of Philadelphia (ANSP)

Department of Vertebrate Zoology, 1900 Benjamin Franklin Parkway, Philadelphia, PA, 19103-1195, U.S.A.

Contact: Ned Gilmore (esg43@drexel.edu), 215-405-5062

Additional contacts: Ted Daeschler (ebd29@drexel.edu), 215-299-1133

Website: *http://www.ansp.org/research/systematics-evolution/collections/mammalogy/*; **Data availability:** *Digitized collection database; Vertnet*; **Holdings:** *24600 specimens; 195 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *contains historically important series; large mammals of Tibet*; **Geographic emphasis:** *African bovids; Neotropical carnivores and primates*; **Other incorporated collections:** *Wistar Institute, S. N. Rhoads collection & Delaware Museum Nat. History fluid specimens only*. **Former acronyms:** *None*.

Survey data: *2017 survey*.

ASM accreditation: *None*.

Carnegie Museum of Natural History (CM)

Edward O'Neil Research Center, 5800 Baum Blvd., Pittsburgh, PA, 15206-3706, U.S.A.

Contact: John R. Wible (wiblej@carnegiemnh.org), 412-665-2613
Additional contacts: Suzanne B. McLaren (mclarens@carnegiemnh.org), 412-665-2615
Website: www.carnegiemnh.org/mammals/index.html; **Data availability:** Digitized collection database; www.carnegiemnh.org/mammals/index.html; *Only the holotypes at this time*;
Holdings: 120361 specimens; 45 holotypes; **Tissues:** 14000; **Taxonomic emphasis:** N/A;
Geographic emphasis: Many historically important series; large holdings from northeastern United States, eastern Arctic, Africa, Suriname, Argentina & Brazil.; **Other incorporated collections:** W. Gene Frum, Wayne H. Davis; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1975, 1984.

Museum of the Wagner Free Institute of Science (WFIS)

1700 West Montgomery Avenue, Philadelphia, PA, 19121-3227, U.S.A.
Contact: Susan Glassman (susang@wagnerfreeinstitute.org), 215-763-6529
Additional contacts: (info@wagnerfreeinstitute.org), 215-763-6529, ext. 14
Website: None; **Data availability:** N/A; **Holdings:** 200 specimens; 0 holotypes; **Tissues:** None;
Taxonomic emphasis: Broad coverage; **Geographic emphasis:** Broad coverage; **Other incorporated collections:** The Joseph Leidy "Systematics Collection" (1889) is a National Historic Landmark; **Former acronyms:** None.
Survey data: 2007 survey.
ASM accreditation: None.

Pennsylvania State University - Department of Ecosystem Science and Management (PSU-ESM)

Pennsylvania State University, University Park, PA, 16802, U.S.A.
Contact: Julian Avery (jda121@psu.edu), 814-865-7541
Additional contacts: Margaret Brittingham (mxb21@psu.edu),
Website: <http://ecosystems.psu.edu/facilities/collections>; **Data availability:** Digitized collection database; by request; **Holdings:** 2027 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** PA coyote and black bear skulls, comprehensive series of local rodent spp., lagomorphs, and some Eulipotyphla; **Geographic emphasis:** Small mammals from central Pennsylvania especially from State Game Lands 127 (The Barrens--an Important Mammal Area); **Other incorporated collections:** Unsure, but probably none of note. Mammals were primarily a faculty and student endeavor; **Former acronyms:** PSU-SFR.
Survey data: 2017 survey.
ASM accreditation: None.

Reading Public Museum (RPM)

500 Museum Rd., Reading, PA, 19611-1425, U.S.A.
Contact: Ashley J. Houston, Collections Manager and Registrar
(ashley.houston@readingpublicmuseum.org), 610-371-5850 ext 232
Additional contacts: N/A;
Website: <http://www.readingpublicmuseum.org/>; **Data availability:** Digitized collection database; by request; **Holdings:** 5663 specimens; 1 holotype; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Local, state, and regional; **Other incorporated collections:** None; **Former acronyms:** RPMAG.

Survey data: 2017 survey.
ASM accreditation: None.

Shippensburg University Vertebrate Museum (SUVM)

1871 Old Main Drive, Shippensburg, PA, 17257, U.S.A.

Contact: Nathan Thomas (nethomas@ship.edu), 717-477-1748

Additional contacts: Richard Stewart (rlstew@ship.edu), 717-477-1095

Website: None; *Data availability:* N/A; *Holdings:* 2400 specimens; 0 holotypes; *Tissues:* None; *Taxonomic emphasis:* Rodentia; *Geographic emphasis:* Northeastern US; *Other incorporated collections:* None; *Former acronyms:* None.

Survey data: 2017 survey. Most specimens transferred to State Museum of Pennsylvania.

ASM accreditation: 1977, 1987.

State Museum of Pennsylvania (SMP)

Section of Zoology and Botany, 300 North Street, Harrisburg, PA, 17120, U.S.A.

Contact: Walter Meshaka, Jr. (wmeshaka@pa.gov), 717-783-9901

Additional contacts: N/A;

Website: www.statemuseumpa.org; *Data availability:* N/A; *Holdings:* 26060 specimens; 0 holotypes; *Tissues:* None; *Taxonomic emphasis:* Small mammals; *Geographic emphasis:* Pennsylvania and surrounding states; *Other incorporated collections:* Shippensburg University Vertebrate Museum and Juniata College; *Former acronyms:* WPMM.

Survey data: 2017 survey.

ASM accreditation: None.

PUERTO RICO

University of Puerto Rico (PRICO)

Carr. 108 Barrio Miradero Km 1.3, Mayaguez, PR, 00681-9012, U.S.A.

Contact: 787-832-4040, ext. 3900

Additional contacts: N/A;

Website: <http://biologia.uprm.edu/>; *Data availability:* N/A; *Holdings:* 206 specimens; 0 holotypes; *Tissues:* None; *Taxonomic emphasis:* small rodents - *Peromyscus* and *Dipodomys*; *Geographic emphasis:* most from Texas, USA; *Other incorporated collections:* None; *Former acronyms:* None.

Survey data: 2007 survey.

ASM accreditation: None.

University of Puerto Rico, Caribbean Primate Research Center (CPRC), Laboratory of Primate Morphology and Genetics (LPMG) (CPRC-LPMG)

Medical Sciences Campus, University of Puerto Rico, San Juan, PR, 99036-5067, U.S.A.

Contact: Melween Martínez (melween.martinez@upr.edu), 787-474-0604

Additional contacts: Terry Kensler (terry.kensler@upr.edu), 787-753-8656

Website: <http://ucm.rcm.upr.edu/cprc.html>; *Data availability:* N/A; *Holdings:* 3900 specimens; 0 holotypes; *Tissues:* 633; *Taxonomic emphasis:* all specimens are primates; *Geographic emphasis:* notable collection of *Macaca mulatta* from Cayo Santiago free-ranging colony; *Other incorporated collections:* None; *Former acronyms:* None.

Survey data: 2017 survey.

ASM accreditation: None.

RHODE ISLAND

Museum of Natural History, Roger Williams Park (RWPM)

Roger Williams Park, , Providence, RI, 2907, U.S.A.

Contact: Michael W. Kieron (info@musnathist.com), 401-785-9451

Additional contacts: N/A

Website: *www.Providenceri.com/museum*; **Data availability:** *N/A*; **Holdings:** *420 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *Rodentia and Carnivora*; **Geographic emphasis:** *New England region*; **Other incorporated collections:** *None*; **Former acronyms:** *PMRI.*

Survey data: *2017 survey.*

ASM accreditation: None.

University of Rhode Island, Mammal Collection (URIMC)

Department of Natural Resources Science, University of Rhode Island, Kingston, RI, 2881, U.S.A.

Contact: Peter August (pete@edc.uri.edu), 401-874-4794

Additional contacts: *N/A*

Website: *None*; **Data availability:** *Digitized collection database; Excel database; contact: pete@edc.uri.edu*; **Holdings:** *1469 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *N/A*; **Geographic emphasis:** *Rhode Island*; **Other incorporated collections:** *None*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: None.

SOUTH CAROLINA

Charleston Museum (CHM)

360 Meeting Street, Charleston, SC, 29403, U.S.A.

Contact: Matthew L. Gibson (mgibson@charlestonmuseum.org), 843-722-2996 ext. 247

Additional contacts: Jessie Peragine (jperagine@charlestonmuseum.org), 843-722-2996 ext. 248

Website: *www.charlestonmuseum.org*; **Data availability:** *Past Perfect*; **Holdings:** *1425 specimens; 3 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *N/A*; **Geographic emphasis:** *Lowcountry South Carolina*; **Other incorporated collections:** *None*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: None.

Clemson University Vertebrate Collections (CUSC)

Clemson University, Clemson, SC, 29634-0314, U.S.A.

Contact: Stanlee Miller (SMMLL@clemson.edu), 864-656-3456

Additional contacts: Robert Seth Cohen (rscohen@clemson.edu), 864-656-1112

Website: *None*; **Data availability:** *Digitized collection database; Excel database, by request*; **Holdings:** *4287 specimens; 0 holotypes*; **Tissues:** *None*; **Taxonomic emphasis:** *N/A*; **Geographic emphasis:** *local emphasis*; **Other incorporated collections:** *None*; **Former acronyms:** *None.*

Survey data: *2017 survey.*

ASM accreditation: 1986.

SOUTH DAKOTA

Henry Brockhouse Collection (HBC)

Great Plains Zoo & Delbridge Museum, 805 South Kiwanis Ave., Sioux Falls, SD, 57104, U.S.A.

Contact: 605-367-7003

Additional contacts: N/A

Website: www.gpzoo.org; Data availability: N/A; Holdings: 147 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: Bovidae; Geographic emphasis: Africa (~40%), Asia, North America; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Siouxland Heritage Museums Natural History Collection (SHM)

200 West 6th Street, Sioux Falls, SD, 57104, U.S.A.

Contact: Kari R. Kohlhoff (kkohlhoff@minnehahacounty.org), 605-367-4210

Additional contacts: Bill Hoskins (bhoskins@minnehahacounty.org), 605-367-4210 ext 3020

Website: www.siouxlandmuseums.org; Data availability: N/A; Holdings: 150 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: N/A; Other incorporated collections: Pettigrew Museum Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

South Dakota State University (SDAKS)

Department of Biology and Microbiology, South Dakota State University, Brookings, SD, 57007, U.S.A.

Contact: Scott C. Pedersen (Scott_Pedersen@sdstate.edu), 605-688-5529

Additional contacts: Charles Dieter, 605-688-4555

Website: None; Data availability: Digitized collection database; by request; Holdings: 2000 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: N/A; Other incorporated collections: None; Former acronyms: SDSC.

Survey data: 2017 survey.

ASM accreditation: None.

University of South Dakota (USD)

Teaching Collection, Department of Biology, Vermillion, SD, 57069, U.S.A.

Contact: David Swanson (david.swanson@usd.edu), 605-677-6175

Additional contacts: Bob Garner (Robert.Garner@usd.edu),

Website: None; Data availability: N/A; Holdings: 1565 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: regional emphasis (South Dakota); Other incorporated collections: None; Former acronyms: None .

Survey data: 2017 survey.

ASM accreditation: None.

W. H. Over State Museum (USDAK)

414 East Clark Street, Vermillion, SD, 57069, U.S.A.

Contact: Cleo Klosters, 605-677 5228

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 1850 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** local emphasis; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Wind Cave National Park (WICA)

26611 US Highway 385, Box 190, Hot Springs, SD, 57747, U.S.A.

Contact: Thomas Farrell (tom_farrell@nps.gov), 605-745-1130

Additional contacts: (wica_interpretation@nps.gov), 605-745-4600

Website: None; **Data availability:** Digitized collection database; on site; **Holdings:** 53 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Wind Cave National Park, South Dakota; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey, updated via website.

ASM accreditation: None.

TENNESSEE

Great Smoky Mountains National Park (GRSM)

107 Park Headquarters Road, Gatlinburg, TN, 37738, U.S.A.

Contact: N/A

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** unknown; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Tennessee; this is a teaching collection; **Other incorporated collections:** N/A; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Tennessee Tech University (TnTU)

Department of Biology, Tennessee Tech University, Cookeville, TN, 38505, U.S.A.

Contact: Brian Carver (bcarver@tntech.edu), 931-372-3127

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** unknown; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Tennessee; this is a teaching collection; **Other incorporated collections:** None; **Former acronyms:** None. Acronym assigned by authors.

Survey data: 2017 survey.

ASM accreditation: None.

Tennessee Wildlife Resources Agency (TWRA)

Ellington Agricultural Center, P.O. Box 40747, Nashville, TN, 37204, U.S.A.

Contact: N/A

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** unknown; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Tennessee; all taxidermy mounts; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Tennessee at Chattanooga Natural History Museum, Mammal Collection (UTCM)

615 McCallie Avenue, Dept. 2653, Chattanooga, TN, 37403-2598, USA

Contact: Dr. Timothy J. Gaudin (Timothy-Gaudin@utc.edu), (423) 425-4163

Additional contacts: Dr. Loren Hayes (Loren-Hayes@utc.edu), (423) 425-5814

Website: None; **Data availability:** N/A; **Holdings:** 2110 specimens; 0 holotypes; **Tissues:** 53; **Taxonomic emphasis:** Small terrestrial mammals, esp. *Eulipotyphla*, *Rodentia*; *Cingulata*; **Geographic emphasis:** Southeastern Tennessee and surrounding areas; **Other incorporated collections:** None, although we are an official repository for small collections from the Great Smoky Mountains National Park and the Chattanooga-Chickamauga National Military Park; **Former acronyms:** None .

Survey data: 2017 survey.

ASM accreditation: None.

University of Tennessee, Mammal Teaching Collection (UT-MTC)

Department of Zoology, University of Tennessee, Knoxville, TN, 37916, U.S.A.

Contact: Lisa Muller (lmuller@utk.edu), 865-974-7981

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** unknown; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Tennessee; this is a teaching collection; **Other incorporated collections:** None; **Former acronyms:** UTMZ.

Survey data: 2017 survey.

ASM accreditation: None.

TEXAS

Abilene Christian University, Natural History Collection (ACUNHC)

Box 27868, Abilene Christian University, Abilene, TX, 79699, U.S.A.

Contact: Thomas E. Lee, Jr. (lee@biology.acu.edu), 325-674-2574

Additional contacts: N/A **Website:** None; **Data availability:** N/A; **Holdings:** 1100 specimens; 0 holotypes; **Tissues:** 1000; **Taxonomic emphasis:** Chiroptera and Rodentia; **Geographic emphasis:** Texas, Michigan, California, Ecuador, Guyana; **Other incorporated collections:** None **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 2002.

Angelo State Natural History Collection (ASNHC)

Department of Biology, Angelo State University, San Angelo, TX, 76909, U.S.A.

Contact: Robert C. Dowler (robert.dowler@angelo.edu), 325-486-6639

Additional contacts: Loren K. Ammerman (loren.ammerman@angelo.edu), 325-486-2243

Website: <http://www.angelo.edu/dept/biology/asnhc/>; **Data availability:** Digitized collection database; <http://www.angelo.edu/dept/biology/asnhc/>; VertNet, IDigBio, GBIF; **Holdings:** 18050 specimens; 0 holotypes; **Tissues:** 14000; **Taxonomic emphasis:** Rodentia, Chiroptera, Mephitidae; **Geographic emphasis:** Texas, Mexico, Galapagos Islands, Guyana; **Other incorporated collections:** Texas Wesleyan College (TWC); **Former acronyms:** ASVRC.
Survey data: 2017 survey.
ASM accreditation: 1992.

Austin College (ACTC)

Department of Biology, Austin College, Sherman, TX, 75090, U.S.A.
Contact: Steven Goldsmith (sgoldsmith@austincollege.edu), 903-813-2342
Additional contacts: N/A
Website: None; **Data availability:** N/A; **Holdings:** 275 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** local emphasis; **Other incorporated collections:** **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

G. W. Carroll Mammal Collection (SM)

Baylor University, 1300 S. University Parks Drive, Waco, TX, 76798-7154, U.S.A.
Contact: Anita Benedict (Coll. Mgr.) (Anita_Benedict@baylor.edu), 254-710-4835
Additional contacts: Paige Davis (Paige_Davis@baylor.edu), 254-710-7981
Website: None; **Data availability:** N/A; **Holdings:** 1150 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** mostly Texas; some other states and countries represented; **Other incorporated collections:** J. K. Strecker, Bryce C. Brown, C. S. Brimley; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Fort Worth Museum of Science and History (FWMSH)

Fort Worth Museum of Science and History Collections, 1501 Montgomery Street, Fort Worth, TX, 76107, U.S.A.
Contact: Leishawn Spotted Bear (lspottedbear@fwmsch.org), (817) 255-9323
Additional contacts: Lacie Ballinger (lballinger@fwmsch.org), (817) 255-9407
Website: None; **Data availability:** N/A; **Holdings:** 4664 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Texas, Southwest United States, and Mexico; **Other incorporated collections:** includes former mammal collection of the University of Texas at Arlington (UTA); **Former acronyms:** FWCM.
Survey data: 2017 survey.
ASM accreditation: None.

Hardin-Simmons University Collection of Vertebrates (HSUCV)

2200 Hickory Street, Department of Biology, Abilene, TX, 79698, U.S.A.
Contact: Wendi Wolfram (wwolfram@hsutx.edu), 325-671-2134
Additional contacts: N/A

Website: www.hsutx.edu/academics/biology/vertebrates.html; **Data availability:** Digitized collection database; www.hsutx.edu/academics/biology/vertebrates.html; **Holdings:** 404 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** West Texas Rolling Plains; **Other incorporated collections:** None; **Former acronyms:** HSIU. **Survey data:** 2017 survey. **ASM accreditation:** None.

Midwestern State University (MWSU)

Dept. of Biology, Midwestern State University, Wichita Falls, TX, 76308, U.S.A.

Contact: Ray E. Willis (ray.willis@mwsu.edu), 940-397-4408

Additional contacts: N/A

Website: None; **Data availability:** Digitized collection database (partial); by request; **Holdings:** 23321 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Texas: Trans-Pecos, Panhandle, and north-central areas; Oklahoma: southwestern and Panhandle areas; New Mexico: northeastern area; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975, 1988.

Collection of Recent Mammals, Museum of Texas Tech University (TTU)

Museum of Texas Tech University, 3301 4th Street, Lubbock, TX, 79409-3191, U.S.A.

Contact: Robert D. Bradley (robert.bradley@ttu.edu), 806-834-1303

Additional contacts: Heath Garner; (heath.garner@ttu.edu), 806-834-7641

Website: <http://www.nsrll.ttu.edu>; **Data availability:** Digitized collection database; <http://www.nsrll.ttu.edu/search>; Vertnet, GBIF; **Holdings:** 138689 specimens; 23 holotypes; **Tissues:** 100000; **Taxonomic emphasis:** noteworthy holdings of southwestern Rodentia and Neotropical Chiroptera - Chernobyl specimens; **Geographic emphasis:** Texas, Mexico, and Central America (Honduras), South America (Ecuador), Caribbean, Ukraine; **Other incorporated collections:** includes former mammal collection of University of Texas (TNHC), University of Texas at Austin, Texas Memorial Museum, Vertebrate Paleontology Laboratory (TMM); **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975, 1983, 2017.

Panhandle-Plains Historical Museum, Natural History Collections (PPHM)

WTAMU Box 60967, 2503 4th Avenue, Canyon, TX, 79016, U.S.A.

Contact: Veronica Arias (varias@pphm.wtamu.edu), 806-651-5231

Additional contacts: Jen McCollough, Curatorial Assistant (jmccollough@pphm.wtamu.edu),

Website: <http://www.panhandleplains.org/>; **Data availability:** N/A; **Holdings:** 225 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Southern Plains; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Perot Museum of Nature and Science (DMNH)

2201 N. Field Street, Dallas, TX, 75201-1704, U.S.A.

Contact: Anthony Fiorillo (tony.fiorillo@perotmuseum.org), 214-756-5725
Additional contacts: Karen Morton; Chelsea Herrod (Karen.Morton@perotmuseum.org;
Chelsea.herrod@perotmuseum.org), 214-756-5722; 214-756-5739
Website: <http://www.perotmuseum.org/explore-the-museum/collections/index.html>; **Data availability:** Digitized collection database; by request; **Holdings:** 3162 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional emphasis; taxidermy mounts collection diverse; **Other incorporated collections:** formerly the Dallas Museum of Natural History; Herb Klein Collection of mounts; former Southern Methodist University collection; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1980.

Rob & Bessie Welder Wildlife Foundation Natural History Collections (WWF)

P. O. Box 1400, Sinton, TX, 78387, U.S.A.
Contact: Selma N. Glasscock (sglasscock@welderwildlife.org), 361-364-2643
Additional contacts: Terry Blankenship (tblankenship@welderwildlife.org), 361-364-2643
Website: www.welderwildlife.org; **Data availability:** Digitized collection database; by request; contact sglasscock@welderwildlife.org; **Holdings:** 354 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** southern Texas; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Sam Houston State University, Vertebrate Natural History Collection (SHSU)

Box 2116, Sam Houston State University, Huntsville, TX, 77341, U.S.A.
Contact: Monte Thies (bio_mlt@shsu.edu), 936-294-3746
Additional contacts: Patrick Lewis (pj1001@shsu.edu),
Website: <http://www.shsu.edu/~shsvm/>; **Data availability:** N/A; **Holdings:** 800 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** local emphasis; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Sul Ross State University Scudday Vertebrate Collection (SRSU)

Department of Biology, Sul Ross State University, Alpine, TX, 79832, U.S.A.
Contact: Sean P. Graham (sean.graham@sulross.edu), 432-837-8084
Additional contacts: Chris Ritzi (crizti@sulross.edu), 432-837-8420
Website: None; **Data availability:** Digitized collection database; by request; **Holdings:** 2800 specimens; 0 holotypes; **Tissues:** 100; **Taxonomic emphasis:** Chiroptera and Rodentia; **Geographic emphasis:** Chihuahuan Desert; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Tarleton State Collection (TSC)

Box T-0100, Tarleton State University, Stephenville, TX, 77842-0100, U.S.A.

Contact: Philip D. Sudman (sudman@tarleton.edu), 254-968-9154
Additional contacts: Russell Pfau (pfau@tarleton.edu), 254-968-9761
Website: None; **Data availability:** N/A; **Holdings:** 1400 specimens; 0 holotypes; **Tissues:** 250;
Taxonomic emphasis: Rodentia; **Geographic emphasis:** Central Texas; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Texas A & M University at Kingsville, Texas A & I Mammal Collection (TAI)

Texas A & M University, Kingsville, , Kingsville, TX, 78363, U.S.A.
Contact: Jon Baskin (Jon.Baskin@tamuk.edu), 361-593-3580
Additional contacts: N/A
Website: None; **Data availability:** N/A; **Holdings:** 1623 specimens; 0 holotypes; **Tissues:** None;
Taxonomic emphasis: Rodentia: Cricetidae, Heteromyidae; **Geographic emphasis:** South Texas; **Other incorporated collections:** None; **Former acronyms:** TAIU.
Survey data: 2017 survey.
ASM accreditation: None.

Biodiversity Research and Teaching Collection (formerly Texas Cooperative Wildlife Collection) (TCWC)

3380 University Drive East, Room 128, Texas A & M University, College Station, TX, 77845, U.S.A.
Contact: Jessica E. Light (jlight2@tamu.edu), 979-845-5783 (BRTC); 979-458-4357 (Light Office)
Additional contacts: Heather Prestridge (hlprestridge@tamu.edu), 979-845-5783
Website: brtc.tamu.edu; **Data availability:** Digitized collection database; <http://brtc.tamu.edu>; Vertnet, GBIF; **Holdings:** 64500 specimens; 30 holotypes; **Tissues:** 6554; **Taxonomic emphasis:** Rodentia and Chiroptera; **Geographic emphasis:** Latin America; **Other incorporated collections:** includes former collection of University of North Texas (NTSU—formerly North Texas State University); Woody Goodpaster collection; R.M. Pitts; Michael Mares frozen tissue collection from Argentina; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1975, 1984.

University of Mary Hardin-Baylor (UMHB)

900 College Street, Belton, TX, 76513-2599, U.S.A.
Contact: Cathleen Early (cearly@umhb.edu), 254-295-5041
Additional contacts: Kathy Wood (kwood@umhb.edu), 254-295-4214
Website: None; **Data availability:** N/A; **Holdings:** 500 specimens; 0 holotypes; **Tissues:** None;
Taxonomic emphasis: N/A; **Geographic emphasis:** local; **Other incorporated collections:** A. F. DeBlase Collection; **Former acronyms:** None.
Survey data: 2017 survey. Partially transferred to McMurry State University.
ASM accreditation: None.

University of Texas at Austin, Laboratory of Physical Anthropology (UTLPA)

1 University Station C3200, Austin, TX, 78712-1086, U.S.A.

Contact: Liza Shapiro (liza.shapiro@austin.utexas.edu), 512-471-7533
Additional contacts: E. Christopher Kirk and John Kappelman (eckirk@austin.utexas.edu; jkappelman@austin.utexas.edu), 512-471-0056; (512) 471-0055
Website: None; **Data availability:** N/A; **Holdings:** 270 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** important skeleton collection of *Papio*; **Geographic emphasis:** Africa - Kenya; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

University of Texas at El Paso, UTEP Biodiversity Collections, Mammal Division (UTEP)
500 West University, Biology 222, El Paso, TX, 79968-0519, U.S.A.
Contact: Arthur H. Harris (aharris@utep.edu), 915-747-6895
Additional contacts: Carl Lieb (clieb@utep.edu), 915-474-5087
Website: www.utep.edu/leb; **Data availability:** Digitized collection database; <http://arctos.database.museum>; Vertnet, GBIF; **Holdings:** 8402 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Southwestern United States; **Other incorporated collections:** None; **Former acronyms:** MALB.
Survey data: 2017 survey.
ASM accreditation: 1977.

University of Texas-Pan American Mammal Collection (UT-PA-MC)
Department of Biology, UT-Pan American, Edinburg, TX, 78541, U.S.A.
Contact: Scott J. Gunn (sgunn@utpa.edu), 956-381-3540
Additional contacts: Tim Brush (tbrush@utpa.edu),
Website: None; **Data availability:** N/A; **Holdings:** 1000 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Rodentia - Heteromyidae, Muridae; **Geographic emphasis:** South Texas; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Wayland Baptist University (WU)
1900 W. 7th, CMB 1285, Plainview, TX, 79072, U.S.A.
Contact: Andrew Kasner (kasnera@wbu.edu), 806-291-1117
Additional contacts: Adam Reinhart (reinhart@wbu.edu), 806-291-1124
Website: None; **Data availability:** N/A; **Holdings:** 500 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** *Peromyscus*; **Geographic emphasis:** Southwestern United States; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey. Partially transferred to Carnegie and TTU.
ASM accreditation: None.

West Texas A&M University Natural History Collection (WTSU)
Department of Life, Earth, and Environmental Sciences, West Texas A & M University, Canyon, TX, 79016, U.S.A.
Contact: Raymond S. Matlack (rmatlack@mail.wtamu.edu), 806-651-2583
Additional contacts: N/A

Website: None; Data availability: N/A; Holdings: 2498 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: Texas Panhandle; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Witte Memorial Museum (WMM)

San Antonio Museum Association, P. O. Box 2601, San Antonio, TX, 78299, U.S.A.

Contact: Helen Holdsworth (helenholdsworth@wittemuseum.org), (210) 357-1900 ext 1890

Additional contacts: Leslie Ochoa (leslieochoa@wittemuseum.org),

Website: None; Data availability: Digitized collection database; by request; Holdings: 300 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: N/A; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

UTAH

Dixie State University, Natural History Museum (DIX)

Natural Sciences, Dixie State University, St. George, UT, 84770, U.S.A.

Contact: Andrew H. Barnum (barnum@dixie.edu), 435-652-7771

Additional contacts: N/A

Website: None; Data availability: N/A; Holdings: 400 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: local emphasis; Other incorporated collections: None; Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Museum Collection of the Southeast Utah Group (NPS-MCSUG)

Southeast Utah Group, 2282 S. West Resource Blvd., Moab, UT, 84532, U.S.A.

Contact: Vicki B. Webster, Museum Curator (Vicki_Webster@nps.gov), 435-719-2136

Additional contacts: Chris Goetze, Cultural Resources Program Manager (Chris_Goetze@nps.gov),

Website: None; Data availability: Digitized collection database; by request; Holdings: 942 specimens; 0 holotypes; Tissues: None; Taxonomic emphasis: N/A; Geographic emphasis: all specimens are from inside the boundaries of Arches National Park, Canyonlands National Park, Hovenweep National Monument, and Natural Bridges National Monument; Other incorporated collections: None; Former acronyms: None.

Survey data: 2007 survey.

ASM accreditation: None.

Timpanogos Cave National Monument (TICA)

RR 3, Box 200, American Fork, UT, 84003, U.S.A.

Contact: Camile McKinney (Cami_Mckinney@nps.gov), 801-756-5239

Additional contacts: (Jon_Jasper@nps.gov),

Website: None; **Data availability:** N/A; **Holdings:** 20 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** small mammals; **Geographic emphasis:** all specimens from Timpanogos Cave and American Fork Canyon area; **Other incorporated collections:** None; **Former acronyms:** TCNM.

Survey data: 2017 survey.

ASM accreditation: None.

Natural History Museum of Utah, University of Utah (UMNH)

Salt Lake City, UT, 84108, U.S.A.

Contact: Eric Rickart (rickart@umnh.utah.edu), 801-585-7759

Additional contacts: Shannen Robson (robson@umnh.utah.edu), 801-557-5787

Website: <http://www.nhmu.utah.edu/vertebrate-zoology>; **Data availability:** Digitized collection database; Arctos, Vertnet; **Holdings:** 37600 specimens; 40 holotypes; **Tissues:** 6500;

Taxonomic emphasis: Eulipotyphla, Rodentia, Carnivora; **Geographic emphasis:** Western USA (emphasis on intermountain region); **Other incorporated collections:** Dugway Proving Grounds

Former acronyms: UU.

Survey data: 2017 survey.

ASM accreditation: 1975, 1993.

Weber State University Bird and Mammal Collection (WSUBMC)

University Circle 2505, Ogden, UT, 84408, U.S.A.

Contact: Sam Zeveloff (szeveloff@weber.edu), 801-626-6655

Additional contacts: Susan Gurr (sgurr@weber.edu), 801-626-6226

Website: None; **Data availability:** N/A; **Holdings:** 2050 specimens; 0 holotypes; **Tissues:** None;

Taxonomic emphasis: N/A; **Geographic emphasis:** Intermountain west including Great Basin;

Other incorporated collections: None; **Former acronyms:** WEBSC, WSU.

Survey data: 2017 survey.

ASM accreditation: None.

Zion National Park (ZNP)

State Route 9, Springdale, UT, 84767, U.S.A.

Contact: Miriam Watson (miriam_watson@nps.gov), 435-772-0146

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 230 specimens; 0 holotypes; **Tissues:** None;

Taxonomic emphasis: N/A; **Geographic emphasis:** local emphasis; **Other incorporated collections:** Website says that now Zion now manages Bryce Canyon and Cedar Breaks collections; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

Brigham Young University, Monte L. Bean Life Science Museum (BYU)

Brigham Young University, Provo, UT, 84602-0200, U.S.A.

Contact: Duke S. Rogers (Duke_Rogers@byu.edu), 801-422-5898

Additional contacts: Wesley Skidmore (wesley_skidmore@byu.edu), 801-422-4621

Website: <http://mlbean.byu.edu/ResearchCollections/Collections/Mammals.aspx>; **Data availability:** N/A; **Holdings:** 38088 specimens; 0 holotypes; **Tissues:** 9800; **Taxonomic**

emphasis: Rodentia; **Geographic emphasis:** Utah, Nevada (especially Nevada test site) and Mexico and the former UIMNH collection specimens from the intermountain west and Mexico; **Other incorporated collections:** Utah State University, a portion of the University of Illinois Museum of Natural History Mammal Collection; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: 1991.

Utah Field House of Natural History State Park (UFHNH)

496 E Main Street, Vernal, UT, 84078-2605, U.S.A.

Contact: Steve Sroka Curator 435-789-3799

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 200 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** local emphasis; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

VERMONT

Fairbanks Museum and Planetarium Collection (FMPC)

1302 Main Street, St. Johnsbury, VT, 5819, U.S.A.

Contact: Beau Harris (bharris@fairbanksmuseum.org), 802-748-2372

Additional contacts: N/A

Website: <http://www.fairbanksmuseum.org/explore/collections/natural-history>; **Data availability:** Digitized collection database; by request; Pastperfect; **Holdings:** 250 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** emphasis on New England species, historically important series of taxidermy mounts; **Other incorporated collections:** includes Hood Museum and Franklin Fairbanks collections; **Former acronyms:** FMNS.

Survey data: 2017 survey.

ASM accreditation: None.

Lyndon State College, Mammal Collection (VSC-L)

Department of Science, Lyndon State College, Lyndon, VT, 5851, U.S.A.

Contact: Jonathan Caplin (jonathan.caplin@lsc.vsc.edu), 802-626-9371

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 350 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** exclusively taxidermy mounts (with skulls); **Geographic emphasis:** local emphasis; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: Hafner et al. 1997.

ASM accreditation: None.

University of Vermont, Zaddock Thompson Natural History Collections (ZTNH)

Room 202 A Torrey Building, University of Vermont, Burlington, VT, 05405-0086, U.S.A.

Contact: C. William Kilpatrick (C-William.Kilpatrick@uvm.edu), 802-656-0453

Additional contacts: N/A

Website: None; **Data availability:** N/A; **Holdings:** 9880 specimens; 0 holotypes; **Tissues:** 12000; **Taxonomic emphasis:** N/A; **Geographic emphasis:** N/A; **Other incorporated collections:** includes Harold B. Hitchcock Collection and Montshire Museum Collection (MMS) (part), includes tissues of cricetids held at Texas A&M and Texas Tech, tissues of Pakistan mammals at University of Florida, and tissues of West African mammals at Smithsonian and Bonn, Germany; **Former acronyms:** UVMZ.
Survey data: 2017 survey.
ASM accreditation: None.

Vermont Fish and Wildlife Department - Addison Collection (VFWD)

VFWD - Addison Collection, 966 Rte. 17 West, Addison, VT, 5491, U.S.A.

Contact: David Sausville, 802-759-2398

Additional contacts: William Crenshaw, 802-879-5699

Website: None; **Data availability:** N/A; **Holdings:** 225 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** local emphasis; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2007 survey.

ASM accreditation: None.

VIRGINIA

Virginia Museum of Natural History (VMNH)

21 Starling Avenue, Martinsville, VA, 24112, U.S.A.

Contact: Nancy D. Moncrief (nancy.moncrief@vmnh.virginia.gov), 276-634-4177

Additional contacts: N/A.

Website: None; **Data availability:** N/A; **Holdings:** 21000 specimens; 0 holotypes; **Tissues:** 9000; **Taxonomic emphasis:** Rodentia, Eulipotyphla; **Geographic emphasis:** eastern United States, especially Virginia; **Other incorporated collections:** Virginia Polytechnic Institute (VPI) and State University (Virginia Tech) Collection of Mammals, Virginia Commonwealth University (VCU) Collection of Mammals; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1999.

WASHINGTON

National Marine Mammal Laboratory Osteological Collection (NMML)

7600 Sand Point Way NE, Seattle, WA, 98115, U.S.A.

Contact: Jim Thomason (jim.thomason@noaa.gov), 206-526-6316

Additional contacts: N/A.

Website: None; **Data availability:** N/A; **Holdings:** 1908 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** Phocidae, Otariidae, Delphinidae and Ziphiidae; **Geographic emphasis:** marine mammals of the northern Pacific; **Other incorporated collections:** former John G. Sinclair Collection **Former acronyms:** NMFS.

Survey data: 2017 survey.

ASM accreditation: None.

Olympic National Park (OLYM)

Cultural Resources, 600 East Park Avenue, Port Angeles, WA, 98362, U.S.A.

Contact: Gay Hunter (gay_hunter@nps.gov), 360-565-3056

Additional contacts: N/A.

Website: None; **Data availability:** Digitized collection database; by appointment with curator; **Holdings:** 519 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional emphasis (Olympic Peninsula, Washington); **Other incorporated collections:** None; **Former acronyms:** ONP.

Survey data: 2017 survey.

ASM accreditation: None.

University of Puget Sound, James R. Slater Museum of Natural History (PSM)

Slater Museum of Natural History, University of Puget Sound, Tacoma, WA, 98416-0360, U.S.A.

Contact: Gary Shugart (gshugart@ups.edu, gwshugart@hotmail.com), 253-879-3356 / 253-879-3357

Additional contacts: Peter Wimberger (pwimberger@ups.edu), 253-879-2784 / 253-879-3798

Website: <http://www.ups.edu/biology/museum/museum.html>; **Data availability:** Digitized collection database; Vertnet, GBIF; **Holdings:** 28000 specimens; 2 holotypes; **Tissues:** None; **Taxonomic emphasis:** repository for *Canis rufus*; **Geographic emphasis:** regional emphasis (northwestern United States); **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975.

University of Washington, Thomas Burke Memorial Washington State Museum (UWBM)

Box 353010, Seattle, WA, 98195, U.S.A.

Contact: Sharlene Santana (ssantana@uw.edu), 206-616-1781

Additional contacts: Jeff Bradley (jebBrad@uw.edu), 206-685-7417

Website: <http://www.burkemuseum.org/mammalogy>; **Data availability:** Digitized collection database; <http://arctos.database.museum>; VertNet, GBIF; **Holdings:** 57000 specimens; 2 holotypes; **Tissues:** 9000; **Taxonomic emphasis:** N/A; **Geographic emphasis:** northwestern North America; **Other incorporated collections:** former E. S. Booth Collection (BC); Walla Walla College Collection (WWC); Western Washington University Collection; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1975.

Washington State University, Charles R. Conner Museum (CRCM)

School of Biological Sciences, Washington State University, Pullman, WA, 99164-4236, U.S.A.

Contact: Kelly M. Cassidy (connermuseum@wsu.edu), 509-335-3515

Additional contacts: Larry D. Hufford (hufford@wsu.edu), 509-335-2183

Website: <http://sbs.wsu.edu/connermuseum/>; **Data availability:** Digitized collection database; Vertnet; **Holdings:** 65000 specimens; 0 holotypes; **Tissues:** 600; **Taxonomic emphasis:** Mammals; **Geographic emphasis:** Eastern Washington, northern Idaho; **Other incorporated collections:** University of Idaho (UIDA); former Irvan O. Buss Collection (IOBC), Walla Walla College Fish and Herp collection; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1977.

Whitman College (WCW)

345 Boyer Ave, Whitman College, Walla Walla, WA, 99362, U.S.A.

Contact: Timothy H. Parker (parkerth@whitman.edu), 509-526-4777

Additional contacts: Sarah Gardner (gardnesl@whitman.edu), (509) 526-4730

Website: None; **Data availability:** N/A; **Holdings:** 2750 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** regional emphasis; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

WEST VIRGINIA**Marshall University (MUMC)**

Dept of Biological Sciences, Marshall University, Huntington, WV, 25755, U.S.A.

Contact: Suzanne Strait (straiho@marshall.edu), (304) 696-2425

Additional contacts: N/A.

Website: None; **Data availability:** N/A; **Holdings:** 8171 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** West Virginia; **Other incorporated collections:** West Virginia Mammal Survey (WVMS), approx 1600 specimens; **Former acronyms:** WVMS.

Survey data: 2017 survey.

ASM accreditation: None.

WISCONSIN**Charles A. Long Mammalogy Collection, University of Wisconsin - Stevens Point, Museum of Natural History (UWSP)**

Department of Biology, 800 Reserve Street, CNR 167, Stevens Point, WI, 54481, U.S.A.

Contact: Christopher J. Yahnke (cyahnke@uwsp.edu), 715-346-2455

Additional contacts: Charles Long, 715-346-4208

Website: <https://www.uwsp.edu/cols-ap/museum/mammalogy-ornithology/Pages/default.aspx>; **Data availability:** N/A; **Holdings:** 8300 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** Wisconsin; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: 1994, 2003.

University of Wisconsin Zoological Museum (UWZM)

250 North Mills Street, Madison, WI, 53706-1794, U.S.A.

Contact: Paula M. Holahan (pmholahan@wisc.edu), 608-265-3429

Additional contacts: Laura Halverson Monahan (lahalverson@wisc.edu), 608-890-1790

Website: <http://www.zoology.wisc.edu/uwzm/>; **Data availability:** Digitized collection database; <http://www.zoology.wisc.edu/uwzm/>; **Holdings:** 28000 specimens; 1 holotype; **Tissues:** None; **Taxonomic emphasis:** Over 1000 *Canis* specimens, including >300 Great Lakes Wolves; **Geographic emphasis:** N/A; **Other incorporated collections:** Milton College Collection; former private collections of H. H. T Jackson, H. W. Mossman, W. B. Quay, H. V. Ogden, A. W. Schorger, and W. E. Snyder; **Former acronyms:** UWZ.

Survey data: 2017 survey.
ASM accreditation: 1975, 1983, 2004.

University of Wisconsin, Milwaukee, Department of Biological Sciences (UWMIL)

University of Wisconsin, Milwaukee, WI, 53201, U.S.A.

Contact: Emily Latch (schuck@uwm.edu),

Additional contacts: Tom Schuck (schuck@uwm.edu),

Website: None; *Data availability:* N/A; *Holdings:* 50 specimens; 0 holotypes; *Tissues:* None;
Taxonomic emphasis: N/A; *Geographic emphasis:* regional emphasis; *Other incorporated collections:* None; *Former acronyms:* None.

Survey data: 2017 survey.

ASM accreditation: None.

WYOMING

Casper College (CCW)

Biology Department, Casper College, Casper, WY, 82601, U.S.A.

Contact: Hayley Lanier (hlanier@uwyo.edu), 307-268-2075

Additional contacts: N/A

Website: None; *Data availability:* N/A; *Holdings:* 700 specimens; 0 holotypes; *Tissues:* None;
Taxonomic emphasis: N/A; *Geographic emphasis:* N/A; *Other incorporated collections:* None;
Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Grand Teton National Park (GTNP)

P.O. Drawer 170, Moose, WY, 83012, U.S.A.

Contact: (), 307-739-3300

Additional contacts: N/A

Website: None; *Data availability:* N/A; *Holdings:* 24 specimens; 0 holotypes; *Tissues:* None;
Taxonomic emphasis: N/A; *Geographic emphasis:* N/A; *Other incorporated collections:* None;
Former acronyms: None.

Survey data: 2017 survey.

ASM accreditation: None.

Teton Science School (TSSMC)

Murie Museum, P.O. Box 68, Kelly, WY, 83011, U.S.A.

Contact: Josh Kleyman (josh.kleyman@tetonscience.org), 307-733-1313

Additional contacts: N/A.

Website: None; *Data availability:* N/A; *Holdings:* 3100 specimens; 0 holotypes; *Tissues:* None;
Taxonomic emphasis: historically important collections of Olaus and Adolph Murie;
Geographic emphasis: N/A; *Other incorporated collections:* None; *Former acronyms:* None.

Survey data: 2017 survey.

ASM accreditation: None.

University of Wyoming Museum of Vertebrates (UWYMV)

1000 E. University Ave, Laramie, WY, 82071, USA

Contact: Matthew Carling (mcarling@uwyo.edu), 307-766-6169
Additional contacts: Elizabeth Wommack (ewommack@uwyo.edu), 307-766-6227
Website: <http://www.uwymv.org/>; **Data availability:** Digitized collection database; Arctos, Vertnet; **Holdings:** 6314 specimens; 0 holotypes; **Tissues:** 685; **Taxonomic emphasis:** Rodentia; **Geographic emphasis:** Wyoming, Great Plains and Intermountain West; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

Werner Wildlife Museum (WWM)

Mammal Collection, 405 East 15th Street, Casper, WY, 82061, U.S.A.
Contact: Patti Finkle (pfinkle@caspercollege.edu), 307-268-3026
Additional contacts: N/A
Website: None; **Data availability:** N/A; **Holdings:** 250 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** N/A; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

URUGUAY

Museo Nacional de Historia Natural y Antropología (MNHN)

Sección Mamífero, calle 25 de Mayo 582, Casilla de Correo 399, 11.000, Montevideo, Uruguay
Contact: Enrique M. González
Additional contacts: Javier González (jagonz@internet.com.uy), (00598 2) 916 09 08
Website: www.mec.gub.uy/munhina; **Data availability:** Digitized collection database; by consulting the curator; **Holdings:** 6000 specimens; 3 holotypes; **Tissues:** 1000 (alcohol 96); **Taxonomic emphasis:** Uruguayan mammals; **Geographic emphasis:** Uruguay; **Other incorporated collections:** Eduardo Acosta y Lara, Sociedad Taguató, Sociedad Guazubirá, Centro de Estudios de Ciencias Naturales; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

VENEZUELA

ARAGUA

Museo de la Estación Biológica de Rancho Grande [Ministerio del Poder Popular para el Ambiente, Oficina Nacional de Diversidad Biológica] (EBRG)

Apartado Postal 184, Maracay 2101-A, Maracay, Aragua, 2101A, Venezuela
Contact: Javier Sánchez-Hernández (museoebrg@cantv.net), 58-4-383-8264
Additional contacts: Francisco Bisbal (museoebrg@cantv.net),
Website: <http://diversidadbiologica.minamb.gob.ve/recob.php>; **Data availability:** N/A; **Holdings:** 22894 specimens; 0 holotypes; **Tissues:** None; **Taxonomic emphasis:** mostly Venezuelan mammals; **Geographic emphasis:** N/A; **Other incorporated collections:** None; **Former acronyms:** None.
Survey data: 2017 survey.
ASM accreditation: None.

DISTRITO CAPITAL

Museo de Historia Natural La Salle (MHNLS)

Avenida Boyacá (Cota Mil) y Maripérez, Apartado 1930, Caracas, Distrito Capital, 1010-A, Venezuela

Contact: 582-782-8711

Additional contacts: Luisa Escobar (luisa.escobar@fundacionlasalle.org.ve), 58-212-709-5803

Website: <http://fundacionlasalle.org.ve/>; **Data availability:** N/A; **Holdings:** 1100 specimens; 12 holotypes; **Tissues:** None; **Taxonomic emphasis:** N/A; **Geographic emphasis:** N/A; **Other incorporated collections:** None; **Former acronyms:** SCN.

Survey data: 2017 survey.

ASM accreditation: None.

Universidad Central de Venezuela (MBUCV)

Instituto de Ecología y Zoología Tropical, Centro Museo de Biología, Fac. Ciencias. Av. Paseo Los Ilustres. Los Chaguaramos., Apartado 47058, Caracas, 1041-A, Venezuela

Contact: Carmen Ferreira Marques (carmen.ferreira@ciens.ucv.ve), 58-2-605-1409

Additional contacts: Mercedes Salazar (mercedes.salazar@ciens.ucv.ve), 58-2-605-1301

Website: http://izt.ciens.ucv.ve/izet/?page_id=432; **Data availability:** N/A; **Holdings:** 6839 specimens; 5 holotypes; **Tissues:** 0; **Taxonomic emphasis:** Venezuelan mammals; **Geographic emphasis:** Northern half of Venezuela and the states Amazonas and Bolívar, south to the Orinoco river; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.

MÉRIDIA

Universidad de Los Andes (CVULA)

Facultad de Ciencias, Núcleo La Hechicera, Universidad de Los Andes, Mérida, Mérida, 5101, Venezuela

Contact: Pascual J. Soriano (pascual@ula.ve), 58-274-240-1366

Additional contacts: Jaime Pefaur & Jesus Molinari, Jhonny Murillo (pefaur@ciens.ula.ve; Molinari@ciens.ula.ve; jhonnym@ula.ve),

Website: <http://webdelprofesor.ula.ve/ciencias/pascual/CVULA/mamiferos.html>; **Data availability:** N/A; **Holdings:** 9000 specimens; 6 holotypes; **Tissues:** None; **Taxonomic emphasis:** Chiroptera and Rodentia **Geographic emphasis:** eastern Venezuela; **Other incorporated collections:** None; **Former acronyms:** None.

Survey data: 2017 survey.

ASM accreditation: None.