National Park Service

Arctic Network Inventory and Monitoring Program

Mammal Inventory of Alaska's National Parks and Preserves

Arctic Network Inventory & Monitoring Program

National Park Service, Alaska Region

Joseph A. Cook and Stephen O. MacDonald

Cover photo by Franziska Kohl, Institute of Arctic Biology, University of Alaska Fairbanks.

National Park Service

Arctic Network Inventory and Monitoring Program

Mammal Inventory of Alaska's National Parks and Preserves

Arctic Network: Bering Land Bridge National Park, Cape Krusenstern National Monument, Kobuk Valley National Park, Noatak National Park, and Gates of the Arctic National Park and Preserve

Arctic Network Inventory & Monitoring Program

National Park Service, Alaska Region

4175 Geist Road

Fairbanks, AK 99709-3420

Joseph A. Cook, Stephen O. MacDonald
Museum of Southwestern Biology
MSC01 2020
University of New Mexico
Albuquerque, New Mexico 87131

NOVEMBER 10, 2006

REPORT NUMBER: NPS/AKRARCN/NRTR-2004/01
CONTRACT NUMBER 1443IA 991000027
COOPERATIVE AGREEMENT H8R07010001
TASK AGREEMENT J8R07020005

FUNDING SOURCE: NATIONAL PARK SERVICE, ARCTIC NETWORK

Copies of this report are available from the National Park Service, 4175 Geist Road, Fairbanks, AK 999709, or from the USGS Alaska Science Center, 1011 E. Tudor Road, Anchorage, AK 99503.

File Names

CookJA_2006_ARCN_SmallMammals.pdf

Recommended Citation

Cook, J. A., and S. O. MacDonald. 2004. *Mammal inventory of Alaska's National Parks and Preserves: Arctic Network: Bering Land Bridge NP, Cape Krusenstern NM, Kobuk Valley NP, Noatak NP, and Gates of the Arctic NP&P.* National Park Service Alaska Region, Inventory and Monitoring Program Final Report 2006.

Keywords

Mammals, small mammals, inventory, NPS Arctic Network, Bering Land Bridge National Preserve, Cape Krusenstern National Monument, Gates of the Arctic National Park and Preserve, Kobuk Valley National Park, Noatak National Preserve

Abbreviations

ADFG—Alaska Department of Fish and Game
ARCN—Arctic Network
BCP—Beringian Coevolution Project
BELA—Bering Land Bridge National Preserve
CAKR—Cape Krusenstern National Monument
GAAR—Gates of the Arctic National Park and Preserve
ISU—Idaho State University, Pocatello, ID
KOVA—Kobuk Valley National Park
MSB—Museum of Southwestern Biology
NOAT—Noatak National Preserve
NPS—National Park Service
UNM—University of New Mexico, Albuquerque, NM
UAM—University of Alaska Museum of the North, Mammal Collection, Fairbanks
USNM—United States National Museum, Washington, DC

CONTENTS

Abstract iv
Executive Summary v
Introduction 1
Methods and Materials 2
Review of Museum Collections 2
Field Studies 2
Field Locations 3
Bering Land Bridge National Preserve 3
Cape Krusenstern National Monument 3
Kobuk Valley National Park 3
Noatak National Preserve 4
Gates of the Arctic National Park and Preserve 4
Specimen Processing 6
Results and Species Accounts 7
Species Accounts 8
Order INSECTIVORA—Shrews 8
Order CARNIVORA—Carnivores 10
Order ARTIODACTYLA—Ungulates 12
Order RODENTIA—Rodents 13
Order LAGOMORPHA—Pikas and Hares 16
Habitat Affinities 18
Discussion and Significance 20
Recommendations for Future Inventory and Monitoring Efforts 23
Acknowledgments 25
Literature Cited 26
Tables 31
1. Trapline transects, 2000–2003 31
2. Field personnel involved 45
3. Checklist of the land mammals of 12 Alaska park units 46
4. Number of small mammals sampled, ARCN 2000–2003 48
5. Relative abundance in major vegetation types 49
Figures 50
1. GAAR sampling locality map 50
2. CAKR, KOVA, and NOAT sampling locality map 51
3. BELA sampling locality map 51
4. Proportion of small mammal captures by major vegetation 52
5. Range of occurrence across 12 Alaska park units 52
6. Fluctuation in relative abundances of small mammals 53
7. Relative abundance of small mammals in eight major watersheds 53
Appendices 55
1. Specimens collected 55
2. Field procedures 189

ABSTRACT

This report summarizes the inventory of mammals of the five park units comprising the Arctic Network (ARCN) of the National Park Service, Alaska Region, between 2000 and 2003. This study was part of a cooperative effort of the Beringian Coevolution Project at the Museum of Southwestern Biology, University of New Mexico, and the ARCN Inventory and Monitoring Program of the National Park Service, Alaska division.

We begin documenting the approximately 39 species of mammals that live in ARCN, with a primary focus on small mammals (i.e., shrews, voles, lemmings, weasels, porcupine, squirrels, and hares). This survey resulted in more than 3,000 primary specimens comprising 23 species.

Small mammal abundance varied considerably between years and across regions. From all the localities sampled in ARCN, two shrew and three vole species were the most frequently captured species, comprising more than 83% of all specimens collected in four field seasons.

This study confirms the importance of ongoing, multiyear efforts to fully document the region's small mammal fauna. Such persistence has paid a large dividend in ARCN with the discovery of five new species in Gates of the Arctic National Park and Preserve, five in Kobuk Valley National Park, three in Cape Krusenstern National Monument, and two in Bering Land Bridge National Preserve. This inventory also extended the distributions of several other species.

These findings, when combined with specimen information gathered from a review of holdings at UAM and other major collections, bring the total number of documented small mammal species to 14 of 16 probable species (87%) in BELA, 13 of 16 (81%) in CAKR, 22 of 22 (100%) in GAAR, 15 of 19 (79%) in KOVA, and 15 of 16 (94%) in NOAT.

The products of this inventory include a large collection of well-prepared, well-documented, and diverse preparations of mammal specimens and associated materials (tissues, parasites, fecal samples, digestive tracts) for taxonomic, zoogeographic, ecological, genetic, parasitological, epidemiological, and other research and management purposes.

EXECUTIVE SUMMARY

This inventory project was a cooperative effort of the Beringian Coevolution Project at the Museum of Southwestern Biology, University of New Mexico, and the Inventory and Monitoring Program of the National Park Service, Alaska division. Other participating institutions included the University of Alaska Museum in Fairbanks; Idaho State University in Pocatello; the University of Saskatchewan in Saskatoon, Canada; USDA National Parasite Collection in Beltsville, Maryland; the Institute of Biological Problems of the North in Magadan, Russia; Sikhote-Alin Zapovednik, a Russian sister-park; and the Finnish Forest Research Institute in Vantaa, Finland. Some two dozen people helped in four summers of fieldwork between 2000 and 2003.

This report details the inventory of mammals in the five NPS units that comprise ARCN. We begin documenting the approximately 39 species of mammals that occur in ARCN, with a primary focus on small mammals (i.e., shrews, voles, lemmings, weasels, porcupine, squirrels, and hares).

The products of this inventory include a large collection of well-prepared, well-documented, and diverse preparations of mammal specimens and associated materials (tissues, parasites, fecal samples, digestive tracts). This survey, which included nearly 650 person-days and 37,500 trap nights of collecting, resulted in more than 3,000 primary specimens comprising 23 species. All primary voucher specimens of mammals were deposited in the University of Alaska Museum in Fairbanks.

Small mammal abundance varied considerably between years and even across regions of the state. From all localities sampled in ARCN, two shrew and three vole species were the most frequently captured species, comprising more than 83% of all specimens collected in four field seasons of effort.

These findings, when combined with specimen information gathered from a review of holdings at UAM and other major collections, bring the total number of documented small mammal species to 14 of 16 probable species (87%) in BELA, 13 of 16 (81%) in CAKR, 22 of 22 (100%) in GAAR, 15 of 19 (79%) in KOVA, and 15 of 16 (94%) in NOAT.

This inventory provided the first specimen-vouchered records of five new species in GAAR, five in KOVA, three in CAKR, and two in BELA. The inventory also extended the distributions of several other species.

Perspectives on the value of the specimen-based approach to inventory and monitoring are discussed, and recommendations for future efforts are listed.

INTRODUCTION

This report summarizes inventories of the small mammals of the five park units comprising the Arctic Network (ARCN) of Alaska's National Parklands: Bering Land Bridge National Preserve (BELA), Cape Krusenstern National Monument (CAKR), Gates of the Arctic National Park and Preserve (GAAR), Kobuk Valley National Park (KOVA), and Noatak National Preserve (NOAT). For this effort (MacDonald and Cook 2002, 2003; Cook and MacDonald 2004) the Beringian Coevolution Project (BCP) at the Museum of Southwestern Biology (MSB), University of New Mexico (UNM), worked collaboratively with the ARCN Inventory and Monitoring Program and the University of Alaska Museum (UAM).

Assessing the biological diversity of life forms has become a priority in the U.S. National Park Service. In response to this challenge, the BCP inventories of the poorly known small mammal fauna of ARCN had two basic objectives:

1. Conduct an inventory at selected sites throughout ARCN to document the occurrence (with a goal of 90% coverage), relative abundance, and general habitat affinities of its small mammal fauna (shrews, voles, lemmings, weasels, porcupine, squirrels, and hares). The effort did not attempt to provide detailed geographic analyses of quantifiable precision because the time frame for this work was much too short given the wide temporal fluctuations in abundance that is amply documented for high-latitude mammals.
2. Provide a large series and variety of permanently preserved materials and associated data sets for taxonomic, zoogeographic, ecological, genetic, parasitological, epidemiological, and other research and management purposes. Because the fauna of Alaska is the least studied of the continent, these NPS inventories are an important contribution to our understanding of mammalian diversity.

METHODS AND MATERIALS

Review of Museum Collections

Documenting species in ARCN was complemented by a review of specimen holdings at the University of Alaska Museum (UAM) and other major collections, primarily the U.S. National Museum (USNM). Scientific and common names of mammals used in this report follow Wilson and Reeder (1993) and Wilson and Cole (2000), respectively. Vegetation classification generally follows Viereck et al. (1992).

Field Studies

Between 2000 and 2003, our field crews established more than 185 trapline transects (Table 1) at 30 general localities throughout ARCN (Figures 1–3). Two dozen people from several countries and institutions were involved (Table 2), sampling ARCN with a total of nearly 650 person-days and 37,500 trap nights of collecting.

Our collecting strategy was designed to maximize the number and diversity of samples by using a variety of methods in available habitats. While particular effort was made to sample rare or undocumented small mammals, the sampling methods used also allowed us to evaluate the occurrence and relative abundance of the more common species.

Diversity of captured specimens was maximized by using a variety of trap types, including snap traps (Museum Specials, rat traps) and live traps (44 oz. plastic drinking cups buried as pitfall traps, Sherman live traps). Several species were sampled primarily with shotgun.

Traplines for shrews and voles were set in the range of available habitats and ecotones in each study location. Traplines typically consisted of 20 or more trap stations per line, with stations spaced 8–10 m apart. At each station, two snap traps or one snap trap and one pitfall trap were typically set within 2 m of each station point. The snap traps were baited with a mixture of rolled oats and peanut butter; pitfall traps were buried flush with the ground and were not baited. Traps were usually set in the late afternoon and checked the following morning. Productive lines were usually kept in operation for two or more nights.

FIELD LOCATIONS

Bering Land Bridge National Preserve

Devil Mountain Lakes (66°23'N, 164°29'W [NAD27]; 16 m elevation). 24–27 July 2001. Thirty-three animals, comprising seven species (including three *Sorex yukonicus* and one *Ondatra zibethicus*) were sampled in a variety of herbaceous and scrub habitats.

Kuzitrin Lake (65°23'N, 163°'16W [NAD27]; 430–460 m elevations). 27–31 July 2001. At this location, we sampled 22 small mammals, comprising five species, in low scrub and graminoid vegetation types.

Serpentine Hot Springs (65°51'N, 164°42'W [NAD27]). 3–11 August 2001. During eight days at this location, 129 small mammals of eight species were collected, including one *Sorex yukonicus*.

Cape Krusenstern National Monument

Igisukruk Mountain (67°08'N, 162°53'W [NAD27]; six traplines from 70–116 m in elevation). 11–14 July 2003. A variety of habitats were sampled in this locality. A total of 174 specimens comprising six species were documented, including tiny shrew.

Kakagrak Hills (67°16'N, 163°40'W [NAD27]; four traplines from 65–230 m in elevation). 6–10 July 2003. At this locality we collected a total of 42 small mammals of seven species, including pygmy shrew and tiny shrew.

Rabbit Creek (67°31'N, 163°35'W [NAD27]). 14–18 July 2001. A variety of scrub and herbaceous habitats were sampled, resulting in the capture of 16 small mammals representing six species.

Red Dog Road (67°37'N, 163°51'W–67°44'N, 163°36'W [NAD27]). 18–21 July 2001. Two areas sampled along Red Dog Road resulted in the capture of 11 animals of five species.

Situkuyok River (67°12'N, 163°10'W [NAD27]). 10–14 July 2001. Our samples from this site on the west bank of the Situkuyok River totaled 14 individuals of six species.

Tukrok River (67°04'N, 163°19'W [NAD27]). 25–28 July 2000. Several herbaceous and scrub sites were sampled here in 2000, resulting in the capture of 45 individuals of four species.

Kobuk Valley National Park

Baird Mountains, Salmon River (67°36'N, 159°47'W [NAD27]; eight traplines from 50–600 m in elevation). 16–20 July 2003. A total of 38 animals, comprising seven species (including Alaska tiny shrew and singing vole) were sampled in a variety of herbaceous, scrub, and open forest habitats.

Akillik River headwaters (67°29'N, 158°14'W [NAD27]; 13 traplines from 200–900 m in elevation). 21–27 July 2003. From this location we sampled 45 small mammals, comprising six species (including tiny shrew and singing vole) in a variety of herbaceous and scrub habitats at various elevations.

Kallarichuk River (67°05'N, 159°47'W [NAD27]); 4–8 August 2001. A number of traplines in needleleaf forest and tall scrub habitats were established near the confluence of the Kallarichuk and Kobuk rivers, resulting in the capture of 64 animals of four species, including *Microtus xanthognathus*.

Kavet Creek (67°07'N, 159°02'W [NAD27]); 5–9 August 2000. Five traplines were established in early August 2000 in a number of forest and herbaceous habitats near the confluence of Kavet Creek and the Kobuk River and at the northeast edge of the Great Kobuk Sand Dunes. This effort resulted in the capture of 146 small mammals of four species.

Onion Portage (67°06'N, 158°16'W [NAD27]); 8–12 August 2001. A variety of forest, woodland and scrub habitats were sampled here, resulting in the capture of 65 animals of six species.

Waring Mountains (67°00'N, 158°29'W [NAD27]; 11 traplines from 53–350 m in elevation). 27–31 July 2003. A total of 116 small mammals of nine species were sampled at this locality, including the pygmy shrew, tundra shrew, tiny shrew, and collared lemming.

Noatak National Preserve

Aniralik Lake (68°12'N, 159°49'W [NAD27]; 227–240 m in elevation). 31 July–4 August 2001. A number of herbaceous and scrub sites were sampled in the vicinity of Aniralik Lake, resulting in the capture of 92 small mammals of five species.

Asik Mountain (67°28'N, 162°13'W [NAD27]); 27–30 July 2001. Base camp was located about 5 km east of Asik Mountain. A mixed woodland and a number of herbaceous sites were sampled, resulting in the capture of 66 small mammals of seven species.

Copter Peak (68°28'N, 161°28'W [NAD27]; 460 m elevation). 24–27 July 2001. Base camp was located about 8 km west of Copter Peak in a variety of herbaceous and scrub habitats. A total of 40 animals of three species were sampled.

Desperation Lake (68°20'N, 158°44'W [NAD27]; 400 m elevation). 10–14 July 2001. Traplines were established in a variety of herbaceous habitats in the vicinity of Desperation Lake with eight animals of three species captured.

Kaluich Creek (67°39'N, 158°11'W [NAD27]; 460 m elevation). 18–22 July 2001. Several upland herbaceous habitats were sampled near this tributary of Cutler River. A total of 57 small mammals of five species were collected.

Kelly River (67°55'N, 162°17'W [NAD27]); 31 July–3 August 2000. A total of 148 small mammals of three species were sampled in open needleleaf forest habitat several km northeast of the confluence of the Kelly and Noatak rivers.

Sidik Lake (68°08'N, 158°59'W [NAD27]; 290–300 m elevations). 14–18 July 2001. Traplines set in a number of herbaceous habitats in the vicinity of Sidik Lake resulted in the capture of 67 small mammals of five species.

Gates of the Arctic National Park and Preserve

Agiak Lake (68°04'N, 152°56'W [NAD27]; 925–1001 m elevations). 11–18 July 2002. A variety of sites were sampled from a base camp situated near the Continental Divide

at this south-draining lake. A total of 271 specimens of five species were documented. Singing voles and tundra voles dominated this collection. The only shrew found at this location was the montane shrew.

Fortress Mountain (68°34'N, 152°57'W [NAD27]; 655–867 m elevations). 27 July–2 August 2002. A total of 158 specimens comprising 10 species were sampled at this far-north National Park wilderness area. Tiny shrew and collared lemming were documented only there, and it was one of two localities where we encountered Alaska marmots.

Lake Tulilik (68°07'N, 154°07'W [NAD27]; 537–747 m elevations). 11–18 July 2002. A total of 228 animals, comprising eight species (including our best series of barren ground and tundra shrews) were sampled in a variety of herbaceous and scrub habitats near the lake, Easter Creek (a tributary of the Killik River), and in the mountain slopes to the south.

Lake Isiak (67°43'N, 156°'08'W [NAD27]; 501–664 m elevations). 18–25 July 2002. Base camp was located north of the Noatak River near Lake Isiak. From this location, we sampled 114 small mammals, comprising eight species (including a good series of singing voles) in a variety of lowland and upland habitats.

Nanushuk River (68°16'N, 150°39'W [NAD27]; 943–1032 m elevations). 2–7 August 2002. An Alaska marmot was sampled at this location, along with a good series of tundra voles and a single porcupine. A total of 190 specimens representing seven species was sampled.

North Fork Koyukuk River (67°27'N, 150°51'W [NAD27]; 335–353 m elevations). 18–25 July 2002. We sampled 296 small mammals comprising nine species from a base camp situated near an unnamed lake, which lies west of the north fork of the Koyukuk River and its confluence with Richmond Creek. We found Interior forest small mammal species, including pygmy shrew, red squirrel, meadow vole, and sign of snowshoe hares. We obtained a series of red-backed voles, tundra voles, brown lemmings, and bog lemmings at this location.

Takahula Lake (67°20'N, 153°40'W [NAD27]; 231–242 m elevations). 25 July–1 August 2002. From a base camp located near the lake, west of the Alatna River, 312 small mammals of 10 species were sampled. We found meadow vole and pygmy shrew present and collected a series of montane shrews and tundra voles.

Walker Lake (67°06'N, 154°16'W [NAD27]; 207–271 m elevations). 1–8 August 2002. From a camp on the southeastern shore of the lake, we collected 283 small mammals of 12 species in a variety of forest and tundra habitats. Our only samples of taiga vole were from this location. We also collected pygmy shrew, red squirrel, and porcupine, along with a series of red-backed voles.

SPECIMEN PROCESSING

Each animal sampled was preserved in the form of a skeletal preparation or as a whole-bodied fluid (ETOH) preparation. Some study skins were also prepared. Our crews carried a tank of liquid nitrogen in the field to preserve tissues (heart, liver, kidney, spleen, and lung) and embryos. These frozen specimens were transferred to ultra-low temperature freezers at UAM and MSB and are archived at −70°C. We preserved ectoparasites, and endoparasites from many of the mammals collected. These exceptional data sets will be used to address epidemiological, coevolutionary, taxonomic, and biogeographic questions. Intestinal tracts from shrews were also preserved. Field protocols (Appendix 2) allowed us to rigorously document and preserve specimens.

The primary voucher specimens from this study were accessioned into the mammal collection at UAM and are in process of being curated (Appendix 1). The endoparasite samples are now part of the U.S. National Parasite Collection in Beltsville, MD. Ectoparasites are being identified by a number of qualified experts.

RESULTS AND SPECIES ACCOUNTS

The specific products of this inventory of ARCN's mammal fauna include a large collection of well-prepared, well-documented, and diverse preparations of specimens and associated materials (tissues, parasites, fecal samples, digestive tracts). This resulted in the collection and preservation of more than 3,000 primary specimens of 23 species (Table 3 and Appendix 1).

Two shrews (cinereus shrew, montane shrew) and three voles (northern red-backed vole, tundra vole, singing vole) were the most frequently captured species of ARCN (294, 165, 905, 758, and 629 specimens, respectively; Table 4). They comprised more than 83% of all specimens collected in four field seasons.

This study, when combined with previous efforts and with information gathered from specimens at UAM and other major collections, increased the total number of vouchered small mammal species as follows (see Table 4 and Figure 5 for comparison of park units statewide):

- BELA: 14 of 16 probable species (87%). Two species still to be vouchered from this park unit are ermine and porcupine.
- CAKR: 13 of 16 species (81%). Still missing are ermine, least weasel, and porcupine.
- GAAR: 22 of 22 species (100%).
- KOVA: 15 of 19 probable species (79%). Still missing are ermine, least weasel, muskrat, and snowshoe hare.
- NOAT: 15 of 16 species (94%). Only the Alaska marmot remains undocumented.

SPECIES ACCOUNTS

The following accounts summarize information on each terrestrial species known or suspected to live in ARCN. Data on all specimens are listed in Appendix 1 and are available in greater detail on UAM's mammal collection website (http://arctos.database.museum).

Order INSECTIVORA—Shrews

Family Soricidae

Sorex cinereus, cinereus shrew

We captured more cinereus shrews than any other species of shrew in ARCN. Cinereus shrews were found in all major vegetation types (Table 5), but were relatively most abundant in open forest and scrub habitats. Pitfall traps accounted for most shrew captures. The cinereus shrew is the dominant shrew in many communities throughout its range in Alaska. High population densities and wide habitat use of the cinereus shrew may be responsible, at least in part, for the lower abundance of other shrew species (Wrigley, Dubois, and Copland 1979). This shrew was most numerous and was the dominant member of the region's small mammal community in 2003 (Figure 6).

Understanding the evolutionary relationship and taxonomy of this wide-ranging shrew with that of the barren ground shrew of northern and northwestern Alaska has been problematic (van Zyll de Jong 1991; Demboski and Cook 2003). The series of specimens gathered in ARCN, where the two shrews are in contact, is helping clarify this longstanding issue (Waltari and Cook, in prep.).

Sorex hoyi, pygmy shrew

This generally uncommon species was previously found scattered throughout central Alaska, with the closest record coming from a forested site in the upper Kobuk River valley in the Kobuk Preserve Unit of GAAR (Swanson 1996, UAM). New northern locality records from this study are from farther up the Kobuk River drainage near Walker Lake and in the Yukon watershed at Takahula Lake and North Fork Koyukuk River.

Our capture in 2003 of seven pygmy shrews in CAKR and three in KOVA document for the first time this species in these park units and constitute a significant range extension of this boreal species in Alaska.

Sorex monticolus, montane shrew

This species has been documented in all ARCN units and is at the northwestern edge of its range. In 2002, montane shrews accounted for the majority of shrews sampled in GAAR, with the largest number of samples coming from Lake Takahula (42 specimens) and Agiak Lake (29). Overall, the majority of captures of this shrew were in scrub and open forest habitats.

Sorex tundrensis, tundra shrew

Small numbers of tundra shrews were sampled at nine localities in four park units in 2000 and 2001. They were found in a diversity of vegetation types but were most abundant in open forest and woodland communities.

In 2002, 28 tundra shrews were sampled at four localities in GAAR. The largest series of specimens (13) came from riparian habitats at Tulilik Lake.

We captured this shrew, a holarctic species by some authors (e.g., Junge, Hoffmann, and Darby 1983; van Zyll de Jong 1983; but see Rausch and Rausch 1993), only at Igisukruk Mountain and the Waring Mountains in 2003. As in previous years, this shrew proved to be localized and scarce.

Sorex ugyunak, barren ground shrew

The taxonomy and distribution of *Sorex ugyunak* have been problematic. The barren ground shrew was formerly included as a subspecies of *Sorex cinereus* (e.g., Hall 1981), but van Zyll de Jong (1976, 1991) provided arguments for considering *ugyunak* distinct from *cinereus*.

Dr. N. Dokuchaev, Institute of Biological Problems of the North, Magadan, Russia, and participant of this study, confirmed the identities of six *ugyunak* sampled in three ARCN park units in 2000 and 2001. None was collected in KOVA; however, Dr. Dokuchaev has confirmed the occurrence of *ugyunak* in the Kobuk River valley from a UAM specimen that was taken just east of KOVA near Ambler. Finding this shrew in BELA (along with several other UAM records from elsewhere on the Seward Peninsula) indicates a significant range extension. The preference of this high arctic species for moist-to-wet sedge grass tundra and thickets of willow and dwarf birch (Bee and Hall 1956; van Zyll de Jong 1999) is consistent with our findings (Table 5, Figure 4).

In 2002, we sampled 23 barren ground shrews from four of eight localities in GAAR, with the largest series of specimens (15) obtained from pitfall traplines at Tulilik Lake. Our specimens from Takahula Lake are the first records of this species in the Yukon River watershed.

In 2003, 11 barren ground shrews collected from three localities in KOVA provided the first documented records of this species in this park unit.

Sorex yukonicus, Alaska tiny shrew

Four tiny shrews were captured in pitfall traps at two localities in BELA in 2001. Three of the four were taken in low scrub vegetation near Devil Mountain Lakes; the other was captured in similar habitat near Serpentine Hot Springs. The tiny shrew is a new species to BELA and the Seward Peninsula. These captures show a major range extension. Before this inventory, only 12 specimens of *S. yukonicus* were known (Dokuchaev 1997; pers. comm. 2001). By 2003, 37 specimens were secured in a wide variety of habitats across Alaska, including eight National Park Service units in three networks.

A single tiny shrew collected at Fortress Mountain documents this newly described species for GAAR and is the first record of it on Alaska's North Slope. The capture in

2003 of three tiny shrews in CAKR and two in KOVA added a new mammal to each park's checklist. All were taken in pitfall traps set in scrub habitats.

Order CARNIVORA—Carnivores

Family Canidae

Alopex lagopus, arctic fox

This arctic species lives along the arctic coast of Alaska as far south as the northwestern shore of Bristol Bay, with individuals occasionally found considerable distances inland (Manville and Young 1965; Chesemore 1968; ADFG 1978; Bailey 1993).

During our inventories of ARCN, this fox was encountered only at Kuzitrin Lake in BELA. Preserved specimens of arctic foxes are from Hammond River near the eastern border of GAAR (UAM) and in the vicinity of Anaktuvuk (USNM).

Canis latrans, coyote

Coyotes are said to have arrived in Alaska sometime around the early 1920s (Rearden 1981) and reaching peak numbers about 1940 (Dufresne 1946). Coyotes were not observed or reported during this study. There are only two preserved specimens from this region. One is in the USNM and was taken from Kotzebue in 1938. Another is in the UAM and was taken in GAAR, trapped near the confluence of John River and Hunt Fork in 1991. Gardner (1974) claimed to have seen tracks of this species in the Noatak River valley.

Canis lupus, wolf

Wolf sign was reported by our crews in BELA, GAAR, KOVA and NOAT.

Vulpes vulpes, red fox

Red fox were noted at Asik Mountain in NOAT, Kallarichuk River in KOVA, Situkuyok River and Red Dog Mine Road in CAKR, and at Kuzitrin Lake in BELA. In 2002, individual red foxes were seen at Agiak Lake, Fortress Mountain, Lake Tulilik, and Lake Isiak in GAAR.

Family Felidae

Lynx canadensis, Canada lynx

This cat was not seen during this study, and no specimens have been preserved from BELA, CAKR, KOVA, or NOAT. ADFG (1978) considers the forests of the lower Noatak and Kobuk river systems prime habitat for this species.

Lynxes are known to live in forested areas of GAAR, particularly along the Koyukuk River (ADFG 1978), where snowshoe hares, their preferred prey, are periodically found in abundance. The USNM has a lynx specimen from the upper John River.

Family Mustelidae

Gulo gulo, wolverine

A lone wolverine was seen near the Kobuk River while we were traveling between Kallarichuk River and Onion Portage. This was our only encounter with this holarctic and wide-ranging species during this study.

Because of recent efforts by NPS staff, UAM and MSB now have a series of wolverine specimens from ARCN. These specimens were used in a recent molecular study (Tomasik and Cook 2005), which found relatively low evolutionary divergence between Eurasian and North American haplotypes. This study did not support the hypothesis that the Bering Strait divided two distinct species of wolverine. In North America, populations were distinctive only in Southeast Alaska, the Nunavut area in northern Canada, and, to a more limited extent, the Kenai Peninsula.

Lontra canadensis, northern river otter

No river otters or their sign were observed or reported during this study, and no specimens have been preserved from any park units in ARCN. UAM has a river otter specimen from the Dietrich River near the eastern boundary of GAAR.

This species is apparently found in the lower and middle Noatak River and the upper Kobuk River (ADFG 1978). ADFG (1978) also reported this species as numerous along the Koyukuk River floodplain.

Martes americana, American marten

No marten were seen or reported during this study. Marten live in almost all of the Kobuk River drainage and all of the forested area of the Noatak River valley (C. T. Seaton, ADFG, pers. comm. 2003). The animal's status on the Seward Peninsula needs clarification. The forested reaches of the Koyukuk, John, and Alatna rivers of GAAR undoubtedly provide excellent habitat for this species. The U.S. National Museum has marten specimens from Narvak, Selby, and Nutuvukti lakes in the upper Kobuk River drainage.

Mustela erminea, ermine

Ermines were not seen or reported during this study, but specimens of this holarctic species from BELA, NOAT, and GAAR have been preserved in museum collections.

Mustela nivalis, least weasel

Least weasels were not collected or observed. The species is generally uncommon and sparsely distributed throughout much of its holarctic range. It occupies a wide variety of forest and tundra habitats but favors meadows, marshes, and riparian situations, where small rodent prey are abundant (Banfield 1974). Specimens have been preserved from BELA, GAAR, and NOAT.

Mustela vison, American mink

No sightings or sign of this species were noted during this study. Very limited numbers probably live in all ARCN park units, but especially in the Noatak and Kobuk river drainages (Dean and Chesemore 1974; Gardner 1974) and along the major south-slope rivers of GAAR. Mink have been documented with specimens in all units except CAKR.

Family Ursidae

Ursus americanus, American black bear

Two black bears were seen from the air near the Great Kobuk Sand Dunes in 2003. Although this species is known to live in the Kobuk River drainage (Dean and Chesemore 1974), this region still lacks specimen documentation. Black bears were also reported from areas around North Fork Koyukuk River and Takahula Lake in GAAR. The USNM has a specimen from the Brooks Range near the head of John River.

Ursus arctos, brown bear

Brown bears or their sign were reported in NOAT, BELA, and KOVA from Desperation Lake, Copter Peak, Asik Mountain, Serpentine Hot Springs, Kallarichuk River, and Onion Portage. Specimens have been preserved from BELA and NOAT. Brown bears were also reported from GAAR at Agiak Lake, Lake Tulilik, Lake Isiak, and Walker Lake. Specimens have been preserved from a number of locations in this park (UAM, USNM).

Order ARTIODACTYLA—Ungulates

Family Cervidae

Alces alces, moose

Our field crews in 2001 reported moose and their sign at Sidik Lake, Asik Mountain, Kallarichuk River, Onion Portage, and Situkuyok River in NOAT, KOVA, and CAKR. Moose were noted in GAAR in 2002 at Agiak Lake, Lake Tulilik, and Walker Lake, and in CAKR and KOVA in 2003 at Igisukruk Mountain, Salmon River, Waring Mountains, and along the Kobuk River in the vicinity of the sand dunes.

Rangifer tarandus, caribou

In 2001, caribou sign was seen at Desperation Lake, Copter Peak, Aniralik Lake, Kallarichuk River, Situkuyok River, Kuzitrin Lake, Serpentine Hot Springs, and Onion Portage. In 2003, caribou or their sign were seen in GAAR at Lake Isiak, Fortress Mountain, North Fork Koyukuk River, and Agiak Lake (skull found). The Arctic herd occupies much of northwestern Alaska. In recent years this herd usually winters south of the Brooks Range, often as far south as the base of the Seward Peninsula, the middle Koyukuk River, and the Ray Mountains, and as far east as the Wiseman area, where overlap sometimes occurs with the Porcupine herd of northeastern Alaska (ADFG 1973).

Family Bovidae

Ovibos moschatus, muskox

In 2001, muskoxen were noted in CAKR at Situkuyok River. In 2003, a herd of 20 muskoxen was observed near the Kakagrak Hills landing strip in CAKR between 6 and 8 July 2003.

Muskoxen were transplanted to Cape Thompson on the northwest Arctic coast and on the Seward Peninsula in 1970 (Burris and McKnight 1973). By 1990, the northwestern population was estimated to be 130 animals, and the Seward Peninsula population to be 700 animals (Smith 1994). The current status and distribution of muskoxen throughout ARCN needs clarification.

Ovis dalli, Dall's sheep

Dall's sheep were not noted in 2000 or 2001. In 2002, Dall's sheep were seen in the mountains of GAAR near North Fork Koyukuk and Nanushuk rivers. In 2000, a dozen sheep samples were collected in GAAR in the vicinities of upper Contact Creek and Hammond River and deposited at UAM.

Dall's sheep are widely distributed along the length of the Brooks Range (Bee and Hall 1956; ADFG 1973). They are distributed erratically in the Baird and Schwatka mountains (Dean and Chesemore 1974), with sightings reported from the headwaters of the Eli River, between the Cutler and Ambler rivers, and near Howard Pass (Gardner 1974; Dean and Chesemore 1974). Dean and Chesemore (1974) noted that sheep are rare in the Baird Mountains east of the Salmon River.

Order RODENTIA—Rodents

Family Sciuridae

Marmota broweri, Alaska marmot

Several Alaska marmots were sampled in GAAR in 2002 from large colonies inhabiting steep, rocky slopes at Fortress Mountain and Nanushuk River. Our field crew also reported them at Chandler Lake (specimens in the USNM).

There are no confirmed records of this marmot in the other park units of ARCN, however, a study team met hikers in 2001 at Copter Peak, NOAT, who said they saw marmot sign nearby. Also, Dean and Chesemore (1974) reported marmot sign in the northern Baird Mountains near the Nakolik River, and Gardner (1974) sighted a marmot in the vicinity of Mulik Hills on the lower Noatak River.

Spermophilus parryii, arctic ground squirrel

A limited series of arctic ground squirrels was preserved from every park unit in ARCN. The largest series (32) was from BELA on the Seward Peninsula.

A recent molecular study by Eddingsaas et al. (2004) suggest that arctic ground squirrels have a long evolutionary history in Alaska, a history that is intricately linked to

multiple glacial cycles. A highly distinctive split is found between populations north of the Brooks Range in Alaska and arctic Canada and populations further south (including animals from the Seward Peninsula and St. Lawrence Island). This split may be indicative of separate species rather than subspecies. Specimens collected from all of ARCN's park units will be valuable to help clarify this relationship.

Tamiasciurus hudsonicus, red squirrel

Red squirrels were sampled in spruce forest at Kallarichuk River and Onion Portage in KOVA, and at Walker Lake and North Fork Koyukuk River in GAAR. The northern distribution of this species is generally limited to spruce forest along the southern drainages of the Brooks Range (Bee and Hall 1956).

Family Castoridae

Castor canadensis, American beaver

Beavers were not seen or reported by our field crews in BELA, CAKR, KOVA, or NOAT, and no specimens are known from these park units. Neither Gardner (1974) nor Dean and Chesemore (1974) mentioned beavers in either KOVA or NOAT. ADFG (1978), however, stated that beavers had recently colonized the Kobuk River valley, particularly in the lower portion of the drainage, and that they occasionally lived in the upper Koyuk River drainage of the Seward Peninsula. If so, they possibly live in BELA.

Beavers were noted in GAAR at North Fork Koyukuk River, and have been reported from as far north as the Hunt Fork of the John River (Bee and Hall 1956), and Walker Lake in the upper Kobuk River valley (Dean and Chesemore 1974).

Family Muridae

Clethrionomys rutilus, northern red-backed vole

This holarctic vole lives extensively and periodically in abundance throughout most of the state and in a wide variety of habitat types, especially forests. It was the most frequently captured species overall, comprising more than a quarter of all captures in our four field seasons of study (Table 4). A comparison of relative abundance (Figure 6) indicates that in 2000 and 2002 this species was more abundant.

Dicrostonyx groenlandicus, collared lemming

The collared lemming is an inhabitant of the treeless tundra zones of northern, western, and southwestern Alaska, extending into the eastern Aleutian Islands and on St. Lawrence Island in the Bering Sea (Hall 1981).

In four field seasons of study we captured only 11 collared lemmings in ARCN. A single animal from the Waring Mountains in 2003 provided the first verified record of this arctic species for KOVA.

Lemmus trimucronatus, brown lemming

Small numbers of brown lemmings were sampled in each of the five park units of ARCN, with more than half (34) coming from four localities in GAAR in 2002. Most were associated with mesic and wet herbaceous habitats usually in or near forested areas.

Microtus miurus, singing vole

We sampled a total of 101 singing voles from seven localities in BELA, CAKR, and NOAT in 2001. Singing voles were abundant in 2002 (Figure 6) and 466 individuals were sampled from seven of eight localities in GAAR. The largest series was from Agiak Lake. In 2003, 32 singing voles were taken at Kakagrak Hills in CAKR. Samples taken that year from Salmon River (6) and Akillik River (24) constitute the first documented records of this vole for KOVA.

Microtus oeconomus, tundra vole

The tundra vole was the most frequently captured species in 2002 and overall was second in abundance among small mammals.

Tundra voles have an exceptionally broad distribution across Alaska and adjacent northwestern Canada. They also have a vast range across northern Eurasia (Musser and Carleton 1993) and are a relatively recent colonizer of North America (Galbreath and Cook 2004). They are found in a wide variety of open habitats at various elevations (Banfield 1974; Lance and Cook 1998).

Microtus pennsylvanicus, meadow vole

The capture of meadow voles at three localities in 2002 is the first documentation of this widespread interior Alaska species in GAAR and ARCN. The three samples that year from Walker Lake are the first records of this species for the Kobuk River drainage. This indicates that the species eventually may be found in KOVA farther down river.

Microtus xanthognathus, taiga vole

The taiga vole is a semicolonial species of primarily open forest and riparian scrub that we found only at Kallarichuk River and Kavet Creek in KOVA and at Walker Lake in GAAR. These localities are at the extreme northwestern limit of their known range (Conroy and Cook 1999).

Ondatra zibethicus, muskrat

Muskrats are found throughout most of the Alaska mainland south of the Brooks Range (Hall 1981).

A single muskrat was collected in BELA at Devil Mountain Lakes in 2001. This aquatic vole has been documented in CAKR (Kilikmak Creek; UAM) and NOAT (USNM; Gardner 1974). No specimen is known to be specifically from KOVA, although apparently they were abundant in the lower Kobuk River Valley (Dean and Chesemore 1974).

No muskrats were reported in GAAR during this study. This species has, however, been collected in this park from near Anorat Creek, upper Noatak River (UAM; USNM; Gardner 1974), and has been reported in the John River as far upstream as Hunt Fork (Bee and Hall 1956).

Synaptomys borealis, northern bog lemming

Northern bog lemmings were not encountered in any ARCN park unit except GAAR, where we found them at Lake Takahula (15 captures), Walker Lake (27), and North Fork Koyukuk River (34). There is a good chance that this species will eventually be found in KOVA since Swanson (1996; UAM) reported finding it in seral spruce forest in the upper Kobuk River valley. This species is usually uncommon to rare throughout forested Alaska but can become numerous some years.

Family Erethizontidae

Erethizon dorsatum, North American porcupine

Porcupines are apparently rare but widespread throughout ARCN. A single animal was collected at Asik Mountain in NOAT. In GAAR, a porcupine was collected at Nunushuk River and another at Walker Lake, where two others were also seen. Residents of Lake Takahula reported seeing an occasional porcupine. UAM has a porcupine specimen from the Great Kobuk Sand Dunes in KOVA.

Order LAGOMORPHA—Pikas and Hares

Family Leporidae

Lepus americanus, snowshoe hare

The snowshoe hare lives throughout the boreal forests of Alaska. According to the ADFG (1978), during the low points of their population cycles these animals rarely live in tundra areas. In this study, the remains of a foot believed to be from a snowshoe hare were found at Kuzitrin Lake in BELA. Snowshoe hares have been reported in riparian and forest habitats along the Kobuk and Noatak rivers (Henshaw 1966; Dean and Chesemore 1974; Gardner 1974). UAM and USNM have hare specimens that were collected at Arviriaq on the Eli River in the Noatak River drainage.

No hares were collected in GAAR, but their sign was noted at North Fork Koyukuk River. The USNM has hare specimens from the upper John River. Snowshoe hares are localized north of the Brooks Range, being restricted to willows along major water courses (ADFG 1978). Snowshoe hares may have first arrived north of the Brooks Range by colonizing along the Colville River and some of the other major western drainages in the early 1900s (Klein 1995).

Lepus othus, Alaskan hare

The Alaskan hare is currently found in the tundra regions south of Kotzebue Sound (Klein 1995). It has been documented with specimens in BELA on the Seward Peninsula. Historically, its range may have extended farther north. A Kotzebue resident recently reported seeing Alaskan hares in the Noatak River delta area and on the lower Agashashok River (Alex Whiting, pers. comm.), suggesting the possible occurrence of this Alaska endemic in NOAT and perhaps CAKR. This species is closely related to *Lepus arcticus* of the high Canadian Arctic and *Lepus timidus* of Asia (Waltari et al. 2004).

HABITAT AFFINITIES

Habitats of small mammals are often defined by their association with particular plants (Hoffmeister 1986). Under the influences of the topography, soils, climate conditions, and other ecological factors, plants may be organized into distinct groups referred to as vegetative communities, associations, or types. Mammals can often be associated with particular plant communities, some with macrohabitats, most others—especially the smallest mammals—with microhabitats. Some species are restricted to a few communities, while others are found in many. The degree of a species' dominance in a particular vegetation community and its range across various communities often is related to varying population levels.

Populations of small mammals living in high latitudes often fluctuate dramatically from year to year and season to season (see Figure 6). These shifts in abundance, along with dynamic interspecific interaction (particularly among congeneric species) suggest that long-term studies of small mammal communities will be required to carefully assess the particular affinities of each species.

In addition to vegetation, other features and factors may influence a species' distribution, including topography, soil types, snow cover, availability of food, occurrence of pathogens, and the presence of other important features, such as water bodies, rocks, and ground litter. The unique biogeographic and evolutionary history of each species also influences its current distribution. Because Alaska's habitats have changed markedly since the last glaciation, the current distribution of nearly all species must be viewed in the dynamic geologic and climatic histories of these high latitudes.

Our preliminary work indicates that the small mammals species were unevenly distributed. Collared lemmings, barren ground shrews, and arctic ground squirrels were generally restricted to tundra localities in ARCN, whereas taiga voles, meadow voles, bog lemmings, pygmy shrews, and red squirrels were exclusively or predominantly southern and boreal in their distributions.

Patterns of habitat occupancy indicated that northern red-backed voles, overall the most common small mammal in ARCN, were sampled in all major vegetation types, but they were most abundant in forested habitats (Table 5). The local distribution of this common species may be closely tied to the presence of overhead cover, especially woody plant cover. Tall tussocks may serve as overhead protection in non-forested habitats.

The general habitat requirements of shrews are related to invertebrate abundance and physical conditions, such as temperature and moisture (Nagorsen 1996). All shrews seem to require sites with adequate ground cover, regardless of major vegetation type. The small number of tiny shrews (10) we were able to capture in ARCN were restricted to scrub and herbaceous habitats. Of particular interest was the pitfall capture of a single tiny shrew in tussock tundra at Fortress Mountain on the north slope of the Brooks Range.

The four species of *Microtus* we sampled displayed differing patterns of habitat occupancy. Taiga voles were restricted to open forest and riparian scrub habitats, while singing voles lived primarily in mesic-to-dry herbaceous and scrub habitats at higher el-

evations. Tundra voles, in contrast, occupied grassy situations across a relatively broad range of vegetation types and elevations, while meadow voles were generally restricted to lowland wet meadows and riparian habitats in the taiga zone.

Small mammal population levels varied considerably between field seasons and 2002 was a year of abundance for many species (Figure 6).

DISCUSSION AND SIGNIFICANCE

This study confirms the importance of ongoing, multiyear efforts to fully document the region's small mammal fauna. Such persistence has paid a large dividend in ARCN with the discovery of five new species in GAAR, five in KOVA, three in CAKR, and two in BELA (Table 3). Although no new species were added to NOAT's mammal checklist, we suspect that with continued effort several more species will be found there as well (e.g., Alaska marmot, tiny shrew).

Our discovery of the tiny shrew, perhaps the rarest and poorest known mammal in North America, in four of five ARCN park units, namely GAAR, KOVA, CAKR, and BELA, was an unanticipated surprise. These records significantly expand the known range of the species and, together with samples collected elsewhere in Alaska, there are now 37 specimens.

This inventory also confirms that ARCN has a rich assemblage of arctic and subarctic mammals. Of ARCN's 39 species of land mammals, most have holarctic distributions or close affinities with Old World species (e.g., Rausch 1963; Hoffmann and Peterson 1967; Hoffmann, Koeppl, and Nadler 1979). As shown in Table 3, all of the small mammals (and 85% of all land mammals) believed to live in ARCN are now documented with at least a few specimens for each animal. Specimen coverage in ARCN individual park units, however, varies from 79% (KOVA) to 100% (GAAR).

Patterns of general habitat occupancy among 24 species sampled in ARCN were comparable to those reported in other studies of Alaska small mammal communities (e.g., Bee and Hall 1956; Mayo 1963; Pruitt 1966, 1968; Childs 1969; Dean and Chesemore 1974; Gardner 1974; Wolff and Lidicker 1980; Douglass 1984; Batzli and Henttonen 1993; Swanson 1996). Five species—two insectivores (cinereus shrew, montane shrew), a generalized fruit, seed, and leaf feeder (northern red-backed vole), and two graminoid grazers (tundra vole, singing vole)—dominated the small mammal community of ARCN, accounting for more than 83% of all trapline captures.

The most significant and valuable product of this inventory is the large collection of scientific specimens that are documented well and diversely prepared.

Why specimens? As elucidated by Reynolds et al. (1996), voucher specimens and corresponding data assembled during field surveys are critical for accurate identification of the animals studied and for verification of data gathered during the investigation. Voucher specimens are particularly valuable for studies of the smaller species that are difficult to identify (e.g., shrews, *Microtus* voles) and often poorly known (most Alaska small mammals).

Long after the original inventory is completed, voucher specimens and their associated materials will be used for a wide array of purposes, such as taxonomic revisions, biogeographic and conservation studies (e.g., Cook and MacDonald 2001), and studies of evolution (Cook et al. 2001), parasitology (e.g., Hoberg et al. 2003), and epidemiology (Yates et al. 2002).

Voucher specimens also provide a critical historical baseline for assessment of change caused by natural or human disturbances. Because large series of specimens represent historical populations, their value increases over time, particularly as the diversity of many localities is degraded. Solid inventories of federal lands have become increasingly important. These lands are now often used to establish baseline conditions for investigations aimed at documenting human influences and other impacts responsible for environmental change. Lessons learned from the Exxon Valdez disaster in Prince William Sound suggest that baseline data are critical for interpreting the results of these impacts. NPS has an opportunity to incorporate annual sampling and archiving of select small mammals into their monitoring initiative. Such collections would be valuable to monitor change over time in a major biotic component of the Alaska's parklands. If these samples are not regularly archived, NPS will miss a tremendous opportunity to establish significant baseline data for future analyses of environmental change.

With PCR (polymerase chain reaction) and other innovations in the study of DNA, we now can examine and monitor genetic variation in populations of animals that were collected during different times. This provides a more rigorous view of temporal genetic variation and population structure. For example, known contact zones between taxa can now be reanalyzed for temporal stability (but only if specimens from the contact zone were collected at regular intervals). Because of the dynamic geologic history of Alaska, including the role that glaciers have played in the distribution of organisms, these kinds of studies are essential to documenting and managing biodiversity. Recent concern with persistent organic pollutants (POPS) combined with our increasing ability to track them, creates another use for these specimens in monitoring environmental quality and other related studies.

Without the preservation of specimens, inventories such as this one would have extremely limited value. Federal tax dollars used for biodiversity assessments are most efficiently spent if agencies recognize the critical need for vouchers and provide support in both field and museum budgets for their preservation and maintenance (Reynolds et al. 1996).

While the importance of museum specimens should be generally recognized and their preparation considered essential to good science, for many the question remains: Why collect so many specimens? Below are some perspectives on Alaska and the need for cooperative efforts that help answer this question:

- Alaska mammalogy is still in the early exploration phase and several new species have been discovered in the state in the last 15 years (Dokuchaev 1997; MacDonald and Cook 1996). For most species of Alaska mammals, many areas, including ARCN, are poorly known and inadequately represented in systematic collections. This point is acutely apparent when recent phylogeographic studies are reviewed (e.g., Fleming and Cook 2002; Stone, Flynn, and Cook 2002; Fedorov et al. 2003; Cook et al. 2001). In some cases, cryptic species have been identified (Small, Stone, and Cook 2003).
- Small numbers of specimens will not adequately represent the inherent morphologic, genetic, and parasitic variation that exists in and among populations. Rigorous and statistically defensible scientific studies require large samples of well-preserved and

diverse specimens to account for variations in age, sex, and geographic distribution, as well as among individuals. Taxonomic studies based on skull morphology may require undamaged material from 20 or more adult individuals of each sex per locality (i.e., a minimum of 40 adult individuals per population).

- Many of the shrews and small rodents are difficult or impossible to identify except through the careful study of specimens. Close examination of tooth pattern and comparison of body measurements and other characteristics are necessary to distinguish most of Alaska's shrews. Voles of the genus *Microtus* can also be especially difficult to differentiate.
- Considerable sampling effort is needed to document rare and uncommon species. In this survey, thousands of trap-nights were required to secure 10 tiny shrews and 11 collared lemmings.
- The number of animals removed from a population only has biological significance if it is related to the total number of animals in the population and their rate of replacement (Reynolds et al. 1996). Because Alaska's small mammals are short-lived and prolific, their reproductive potential is more than sufficient to accommodate low levels of removal through the sampling methods used in these inventory projects.
- Because federal resource agencies are mandated to efficiently and effectively manage and monitor the lands and wildlife entrusted to them, there must be solid documentation and a clear understanding of the distribution and status of biodiversity. One of the most efficient means to achieve this goal is to build a solid archive of material that represents temporal and spatial slices of these environments (Cook et al. 2004). Natural history collections are such a resource. These collections can be enhanced in a variety of ways. For example, large numbers of furbearers and game mammals are harvested each year in or near parklands in Alaska. With very little cost, the carcasses or tissue samples could be archived annually from a significant number of individuals. Such a resource would provide an invaluable means of assessing and monitoring the health of these populations and their environments through time. NPS should set up a collaborative program with the ADFG and a natural history museum to build this resource.

RECOMMENDATIONS FOR FUTURE INVENTORY AND MONITORING EFFORTS

1. Inventory studies must be viewed as an ongoing process and NPS must remain committed to continuing the efforts begun in these initial inventories. Future monitoring efforts should include a sampling regime that regularly vouchers diverse specimen preparations of representative species. These initial inventories have set the stage for additional collaborative efforts to fully document the mammal fauna of ARCN.
   - The discovery of the tiny shrew, *Sorex yukonicus*, in ARCN and other NPS Networks across the state, demonstrates just how much we have yet to learn about Alaska's small mammal fauna. Additional pitfall trapping in ARCN (NOAT in particular) and elsewhere in the state is needed to help determine the full geographic distribution and ecological requirements of this rare species, and to provide an adequate database of specimens to more precisely assess the shrew's taxonomic relationship with other Beringian shrews. Its discovery further illustrates the value of a specimen-based approach to inventory studies. The initial detection of this species new to science was made possible only because large series of shrew specimens sampled in surveys from the 1980s were preserved and available for later study by specialists.
   - Marmots, presumably *Marmota broweri,* have been reported from both the De Long and Baird mountains. The status and distribution of this Alaska endemic is poorly understood and in need of additional documentation (only about 40 specimens exist in collections). Recent genetic work supported the distinctiveness of *M. broweri* from both *M. camtschatica* of eastern Siberia and *M. caligata* of the Nearctic (Steppan et al. 1999).
   - The status and distribution of Alaskan hares, *Lepus othus*, particularly in NOAT, CAKR and KOVA, needs clarification and documentation.
   - Vouchers are lacking for a number of other small mammal species that probably live in various ARCN units, including ermine (BELA, CAKR, KOVA), least weasel (CAKR, KOVA), Alaska marmot (NOAT, perhaps KOVA), muskrat (KOVA), porcupine (BELA, CAKR), and snowshoe hare (KOVA, perhaps BELA and CAKR).
   - Ongoing efforts could expand the geographic range of several interior Alaska taiga species, including pygmy shrew, northern bog lemming, meadow vole, and possibly northern flying squirrel (*Glaucomys sabrinus*).
2. The small mammals of ARCN offer a unique opportunity for an array of studies that relate the dynamic glacial history of the region to the evolution and geography of its biota. The systematic relationships among Beringian shrews have been particularly problematic and are in need of further research efforts that are based on adequate series of diverse and well-preserved specimens. Considerable interest in the effects of climate change on biotic diversity suggests that studies of the fauna and flora of ARCN could be key to understanding these impacts. Furthermore, planned expansion of

industrialization of the North Slope in the National Petroleum Reserve-Alaska and the Arctic National Wildlife Refuge indicate that these specimens may become essential to documenting baseline levels of pollutants (POPS).

3. A study on the phylogeography of the arctic ground squirrel (Eddingsaas et al. 2004) has identified a highly divergent clade (new species) of *Spermophilus parryii* in arctic Alaska that is distinct from populations on the Seward Peninsula and other areas. This finding suggests the probable occurrence of two separate species of ground squirrel inhabiting ARCN. The finding also points out the rudimentary nature of our understanding and illustrates the importance of specimen-based approaches to ongoing studies in which the Inventory and Monitoring Program of NPS plays a vital role.
4. Ongoing efforts could expand our knowledge of the distributions and habitat preferences of arctic and boreal species that come in contact in ARCN. They could also provide important baseline information for monitoring distribution shifts in relation to climate changes. However, efforts to provide fine-grained geographic analyses of quantifiable precision will largely be a waste of time and energy unless enough commitment is made to a long term (multidecade) investigation. We feel such an effort is unwarranted given other more pressing issues related to wildlife.
5. Long-term monitoring on biotic change is best accomplished by preserving materials from populations sampled periodically over time. Such efforts could be enhanced significantly if a number of trapline transects were sampled in each of Alaska's far-flung national parks (and wildlife refuges) for a three- or four-day period each summer using several trap types, particularly pitfall traps. Such an effort, perhaps done opportunistically by park personnel, would provide a cost-effective and time-sensitive series of valuable specimens from a larger number of species. The effort would also help elucidate variation in abundance at broader geographic scales, as suggested in our trapping efforts in ARCN and elsewhere in 2002 (Figure 7). Specimen-based monitoring of northern small mammal populations has been ongoing in Scandinavia for many decades. We encourage NPS to develop a similar monitoring program throughout Alaska's national park system.

ACKNOWLEDGMENTS

This project involved the hard work and diverse talents of many. We appreciate the enthusiastic help and support of Terri Ball, John Burch, Melanie Cook, Lois Dalle-Molle, Tom Heinlein, Jefferson Jacobs, Spring Pengilly, Jerry Post, Brad Shults, Shelli Swanson, Sara Wesser and others of NPS for this continued effort.

Our thanks to Amy Runck, in particular, and the other field crew members: Robert Allen, John Bender II, Nikolai Dokuchaev, Vadim Fedorov, Alexei Fedorov, Kerynn Fisher, Robert Foster, Heikki Henttonen, Kyndall Hildebrandt, Brandy Jacobsen, Juha Laakkonen, Dusty L. McDonald, Jukka Niemimaa, Elena Potikha, Richard Runck, Skylar Smith, Eric Tomasik, Karl Vanderwood, Brent Wagner, and Eric Waltari. We also thank Brandy Jacobsen, Gordon Jarrell, Dusty MacDonald, and Link Olson of UAM's Mammal Collection.

LITERATURE CITED

Alaska Department of Fish and Game

1973 *Alaska's Wildlife and Habitat*. Anchorage, AK. 144 pages + maps.

1978 *Alaska's Wildlife and Habitat*. Volume II. Anchorage, AK. 74 pages + maps.

Bailey, E. P.

1993 "Introduction of Foxes to Alaskan Islands: History, Effects on Avifauna, and Eradication." United States Fish and Wildlife Service. *Technical Report Series* 193:1–53.

Banfield, A. W. F.

1974 *The Mammals of Canada*. Toronto: The University of Toronto Press. 438 pages.

Batzli, G. O., and H. Henttonen

1993 "Home Range and Social Organization of the Singing Vole (*Microtus miurus*)." Journal of Mammalogy 74:868–878.

Bee, J. W., and E. R. Hall

1956 "Mammals of Northern Alaska on the Arctic Slope." University of Kansas Museum of Natural History. Miscellaneous Publication 8:1–309.

Burris, O. E., and D. E. McKnight

1973 "Game Transplants in Alaska." Alaska Department of Fish and Game. *Wildlife Technical Bulletin* 4:1–57.

Chesemore, D. L.

1968 "Distribution and Movements of White Foxes in Northern and Western Alaska." *Canadian Journal of Zoology* 46:849–854.

Childs, H. E. Jr.

1969 "Birds and Mammals of the Pitmegea River Region, Cape Sabine, Northwestern Alaska." Biological Papers of the University of Alaska No. 10.

Conroy, C. J., and J. A. Cook

1999 *Microtus xanthognathus*. Mammalian Species 627:1–5.

Cook, J. A., A. L. Bidlack, C. J. Conroy, J. R. Demboski, M. A. Fleming, A. M. Runck, K. D. Stone, and S. O. MacDonald

2001 "A Phylogeographic Perspective on Endemism in the Alexander Archipelago of the North Pacific." *Biological Conservation* 97:215–227.

Cook, J., N. Dawson, S. MacDonald, and A. Runck

2004 "Mammal Diversity: Inventories of Alaska National Parks Stimulate New Perspectives." Alaska Park Science.

Cook, J. A., and S. O. MacDonald

2001 "Should Endemism be a Focus of Conservation Efforts along the North Pacific Coast of North America?" *Biological Conservation* 97:207–213.

2004 "Mammal Inventory of Alaska's National Parks and Preserves, Western Arctic National Parklands: Kobuk Valley National Park, Cape Krusenstern National Monument." National Park Service Alaska Region, Inventory and Monitoring Program Annual Report 2003. 22 pages.

Dean, F. C., and D. L. Chesemore
1974 "Studies of Birds and Mammals in the Baird and Schwatka Mountains, Alaska." Biological Papers of the University of Alaska, No. 15. 80 pages.

Demboski, J. R., and J. A. Cook
2003 "Phylogenetic Diversification within the *Sorex cinereus* Group (Soricidae)." Journal of Mammalogy 84:144–158.

Dokuchaev, N. E.
1997 "A New Species of Shrew (Soricidae, Insectivora) from Alaska." *Journal of Mammalogy* 78:811–817.

Douglass, R. J.
1984 "Ecological Distribution of Small Mammals in the De Long Mountains of Northwestern Alaska." *Arctic* 37:148–154.

Dufresne, F.
1946 *Alaska's Animals and Fishes*. New York: A. S. Barnes and Co. 297 pages.

Eddingsaas, A. A., B. K. Jacobsen, E. P. Lessa, and J. A. Cook
2004 "Evolutionary History of the Arctic Ground Squirrel (*Spermophilus parryii*) in Nearctic Beringia." *Journal of Mammalogy* 85:601–610.

Fedorov, V. B., A. V. Goropashnaya, M. Jaarola, and J. A. Cook
2003 "Phylogeography of Lemmings (*Lemmus*): No Evidence for Post-glacial Colonization of Arctic from the Beringian Refugium." *Molecular Ecology 12:725*.

Fleming, M. F., and J. A. Cook
2002 "Phylogeography of Endemic Ermine (*Mustela erminea*) in Southeast Alaska." *Molecular Ecology* 11:795–808.

Galbreath, K. E., and J. Cook
2004 Genetic consequences of Pleistocene glaciations for the tundra vole (*Microtus oeconomus*) in Beringia. *Molecular Ecology* 13:135–148.

Gardner, A. L.
1974 "Mammals of the Noatak River Valley." In *The Environment of the Noatak River Basin, Alaska*. Edited by S. B. Young. Pages 224–250 Wolcott, VT: Alaska Contributions, Center for Northern Studies, Number 1.Hall, E. R.
1981 *The Mammals of North America*. New York: Wiley-Interscience. 1181 pages.

Henshaw, J.
1966 "Mass Movements by Snowshoe Rabbits, *Lepus americanus*." *Canadian Field-Naturalist* 80:181.

Hoberg, E. P., S. J. Kutz, J. Cook, and K. E. Galbreath
2003 "Arctic Biodiversity: From Discovery to Faunal Baselines—Revealing the History of a Dynamic System." *Journal of Parasitology*.

Hoffmann, R. S., and R. S. Peterson
1967 "Systematics and Zoogeography of *Sorex* in the Bering Strait Area." *Systematic Zoology* 16:127–136.

Hoffmann, R. S., J. W. Koeppl, and C. F. Nadler
1979 "The Relationships of the Amphiberingian Marmots (Mammalia: Sciuridae)." University of Kansas Museum of Natural History, Occasional Paper 83: 1–56.

Hoffmeister, D. F.

1986 *Mammals of Arizona*. The University of Arizona Press and the Arizona Game and Fish Department. 602 pages.

Junge, J. A., R. S. Hoffmann, and R. W. Darby

1983 "Relationships with the Holarctic *Sorex* arcticus-Sorex tundrensis Species Complex." Acta Theriologica 28:339–350.

Klein, D. R.

1995 "Tundra or Arctic Hares." In *Our Living Resources: A Report to the Nation on the Distribution, Abundance, and Health of U.S. Plants, Animals, and Ecosystems*. Edited by E. T. LaRoe, G. S. Farris, C. E. Puckett, P. D. Doran, and M. J. Mac. Page 359. Washington, DC: U.S. Department of the Interior, National Biological Service. 530 pages.

Lance, E. W., and J. A. Cook

1998 "Biogeography of Tundra Voles (*Microtus oeconomus*) of Beringia and the Southern Coast of Alaska." Journal of Mammalogy 79:53–65.

MacDonald, S. O., and J. A. Cook

1996 "The Land Mammal Fauna of Southeast Alaska." *Canadian Field-Naturalist* 110:571–599. 2002 "Mammal Inventory of Alaska's National Parks and Preserves, Northwest Network: Bering Land Bridge National Preserve, Cape Krusenstern National Monument, Kobuk Valley National Park, Noatak National Preserve." National Park Service Alaska Region, Inventory and Monitoring Program Annual Report 2001. 29 pages.

2003 "Mammal Inventory of Alaska's National Parks and Preserves: Gates of the Arctic National Park and Preserve." National Park Service, Alaska Region, Inventory and Monitoring Program Annual Report 2002. 31 pages.

Manville, R. H., and S. P. Young

1965 "Distribution of Alaska Mammals." U.S. Fish and Wildlife Service Circular 211. 74 pages.

Mayo, G. O.

1963 "Small Mammal Habitat Preferences at Ogotoruk Creek Valley, Northwestern Alaska." M.S. thesis, University of Alaska, College.

Musser, G., and M. Carleton.

1993. Family Muridae. Pp. 501-753 in D. E. Wilson, D. M. Reeder, eds. *Mammal Species of the World*. Washington, DC: Smithsonian Institution Press.

Nagorsen, D. W.

1996 *Opossums, Shrews, and Moles of British Columbia. Royal British Columbia Museum Handbook Volume 2*. Vancouver: UBC Press. 169 pages.

Pruitt, W. O. Jr.

1966 "Ecology of Terrestrial Mammals." In *Environment of the Cape Thompson Region, Alaska*, edited by N. J. Wilimovsky and J. N. Wolfe. Pages 519–564 U.S. Atomic Energy Commission, Division of Technical Information, PNE-481.

1968 "Synchronous Biomass Fluctuations of Some Northern Mammals." *Mammalia* 32:172–191.

Rausch, R. L.
1963 "A Review of the Distribution of Holarctic Recent Mammals." In *Pacific Basin Biogeography: A Symposium*, edited by J. L. Gressitt. Pages 29–43. Tenth Pacific Science Congress, 1961. Honolulu: Bishop Museum Press.

Rausch, V. R., and R. L. Rausch
1993 "Karyotypic Characteristics of *Sorex tundrensis* Merriam (Mammalia: Soricidae): A Nearctic Species of the S. araneus-group." Proceedings of the Biological Society of Washington 106:410–416.

Rearden, J., ed.
1981 "Alaska Mammals." *Alaska Geographic* 8:1–184.

Reynolds, R. P., R. I. Crombie, R. W. McDiarmid, and T. L. Yates
1996 "Voucher Specimens." In *Measuring and Monitoring Biological Diversity: Standard Methods for Mammals*, edited by D. E. Wilson, F. R. Cole, J. D. Nichols, R. Rudran, and M. S. Foster. Pages 63–68. Biological Diversity Handbook Series. Washington: Smithsonian Institution Press. 409 pages.

Small, M.P., K. D. Stone, and J.A. Cook
2003 "American Marten (*Martes americana*) Population Structure Across a Landscape Fragmented in Time and Space." *Molecular Ecology* 12:89–103.

Smith, T.
1994 "Muskox." Alaska Department of Fish and Game Wildlife Notebook Series. *Revised by* J. Coady and R. Kacyon <http://www.state.ak.us/local/akpages/FISH.GAME/notebook/notehome.htm>.

Steppan, Scott J., Mikhail R. Akhverdyan, Elena A. Lyapunova, Darrilyn G. Fraser, Nikolai N. Vorontsov, Robert S. Hoffmann, and Michael J. Braun
1999 "Molecular Phylogeny of the Marmots (Rodentia: Sciuridae): Tests of Evolutionary and Biogeographic Hypotheses." *Systematic Biology* 48(4):715–734.

Stone, K., R. Flynn, and J. Cook
2002 "Post-glacial Colonization of Northwestern North America by the Forest Associated American Marten (*Martes americana*)." *Molecular Ecology* 11:2049–2063.

Swanson, S. A.
1996 "Small Mammal Populations in Post-fire Black Spruce (*Picea mariana*) Seral Communities in the Upper Kobuk River Valley, Alaska." National Park Service. Technical Report NPS/AFARBR/NRTR-96/30. 38 pages.

Tomasik, E., and J. A. Cook
2005 "Mitochondrial Phylogeography and Conservation Genetics of Wolverine (*Gulo gulo*) of Northwestern North America." *Journal of Mammology* 86(2):386–96.

van Zyll de Jong, C. G.
1976 "A Comparison Between Woodland and Tundra Forms of the Common Shrew (*Sorex cinereus*)." *Canadian Journal of Zoology* 54:963–973.
1983 *Handbook of Canadian Mammals, Part 1: Marsupials and insectivores*. National Museum of Natural History. 210 pages.

1991 "Speciation of the *Sorex cinereus* Group." In *The Biology of the Soricidae,* edited by J. S. Findley and T. L. Yates. Pages 65–73. Special Publications, Museum of Southwestern Biology 1:1–91.

1999 "Barren Ground Shrew, *Sorex ugyunak*." In *The Smithsonian Book of North American Mammals,* edited by D. E. Wilson and S. Ruff. Page 45. Washington, DC: Smithsonian Institution Press, in association with the American Society of Mammalogists. 750 pages.

Viereck, L. A., C. T. Dyrness, A. R. Batten, and K. J. Wenzlick

1992 "The Alaska Vegetation Classification." General Technical Report PNW-GTR-286. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 278 pages.

Waltari, E., and J. A. Cook

In prep "Phylogenetic Relationships and Hybridization in the Beringian Members of the *Sorex cinereus* (Mammalia: Insectivora) Complex: A Multiple Locus Approach."

Waltari, E., John R. Demboski, David R. Klein, and Joseph A. Cook

2004 "a molecular perspective on the historical biogeography of the northern high latitudes." *Journal of Mammalogy* 85(4): 591–600.

Wilson, D. E., and F. R. Cole

2000 *Common Names of Mammals of the World*. Washington, DC: Smithsonian Institution Press. 204 pages.

Wilson, D. E., and D. M. Reeder, eds.

1993 *Mammal Species of the World: A Taxonomic and Geographic Reference*. *Second Edition*. Washington, DC: Smithsonian Institution Press. 1,206 pages.

Wrigley, R. E., J. E. Dubois, and H. W. R. Copland

1979 "Habitat, Abundance, and Distribution of Six Species of Shrews in Manitoba." *Journal of Mammalogy* 60:505–520.

Wolff, J. O., and W. Z. Lidicker Jr.

1980 "Population Ecology of the Taiga Vole, *Microtus xanthognathus*, in Interior Alaska." *Canadian Journal of Zoology* 58:1800–1812.

Yates, T. L., et al.

2002 "The Ecology and Evolutionary History of an Emergent Disease: Hantavirus Pulmonary Syndrome." *Bioscience* 52: 989–998.

TABLES

Table 1. *Trapline transects established to sample small mammals in the NPS Arctic Network, Alaska, 2000–2003. GPS datum used was NAD 27.*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
CAKR Tukrok River	1	67°04'07"	163°19'49"	15.25	--	25–28 July 2000	420	3 *Clethrionomys rutilus*, 5 *Microtus miurus*	Mesic graminoid herbaceous
	2	67°04'07"	163°19'49"	15.25	--	25–28 July 2000	225	1 *Sorex cinereus*, 1 *S. tundrensis*, 8 *Clethrionomys rutilus*, 8 *Microtus oeconomus*	Mesic graminoid herbaceous
	3	66°55'36"	162°35'45"	--	--	25 July 2000	411	1 *Sorex cinereus*, 1 *S. tundrensis*, 5 *Clethrionomys rutilus*, 12 *Microtus oeconomus*	Open dwarf tree scrub
CAKR Rabbit Creek	1	67°30.910'	163°35.066'	40	153	14–18 July 2001	336	4 *Sorex cinereus*, 1 *Microtus oeconomus*	Open low birch and willow scrub
	2	67°30.907'	163°35.403'	69	--	14–18 July 2001	200	1 *Clethrionomys rutilus*	Open dwarf tree scrub
	3	67°31.090'	163°35.702'	76	153	15–17 July 2001	100	0 captures	Closed low scrub
	4	67°31.205'	163°34.943'	91	153	15–18 July 2001	150	1 *Sorex ugyunak*	Edge along open wet tundra and dwarf birch on ridge
	5	67°30.932'	163°35.183'	56	--	14–18 July 2001	180	1 *Sorex cinereus*	Open shrub willow and alder
	6	67°31.007'	163°36.094'	140	91	15–17 July 2001	66	4 *Spermophilus parryii*	Dryas dwarf scrub
	7	67°30.775'	163°34.946'	30	153	15–18 July 2001	100	0 captures	Dwarf birch along edge of bank
	8	67°30.846'	163°33.908'	30	153	15–18 July 2001	125	4 *Sorex cinereus*	Dwarf birch along bank
	9	67°31.346'	163°36.262'	274	46	17–18 July 2001	25	0 captures	Dryas tundra along rocky slope
CAKR Situkuyok River	1	67°12.268'	163°9.351'	--	--	10–12 July 2001	--	1 *Clethrionomys rutilus*	--
	2	67°12.274'	163°9.742'	--	--	10–14 July 2001	--	3 *Sorex monticolus*, 2 *S. tundrensis*, 2 *S. ugyunak*, 4 *Clethrionomys rutilus*, 2 *Microtus miurus*	--
Kaksurok Mt.	1	67°12.550'	163°10.630'	--	--	11–12 July 2001	--	1 *Dicrostonyx groenlandicus*	--

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
CAKR Red Dog Road	1	67°37.594'	163°51.27'	--	--	20–21 July 2001	--	1 *Clethrionomys rutilus*, 2 *Spermophilus parryii*	--
	2	67°44.967'	163°51.27'	--	--	20–21 July 2001	--	1 *Clethrionomys rutilus*	--
	3	67°44'	163°36'	--	--	20 July 2001	--	1 *Dicrostonyx groenlandicus*	Hand caught in mountains
	4	67°44.967'	163°36.558'	--	--	20–21 July 2001	--	1 *Microtus oeconomus*, 2 *Lemmus trimucronatus*	--
	5	67°37.814'	163°51.344'	--	--	20–21 July 2001	--	3 *Microtus oeconomus*	--
CAKR Kakagrak Hills	1	67°16'17.9"	163°40'16.5"	150	50	6–9 July 2003	48	0 captures	Bryoid herbaceous
	2	67°16'13.0"	163°38'50.2"	65	500	6–10 July 2003	942	2 *Clethrionomys rutilus*, 18 *Microtus miurus*	Closed tall scrub: mainly willow along drainage
	3	67°16'47.7"	163°37'51.9"	75	100	7–10 July 2003	258	3 *Microtus miurus*	Closed tall scrub: willow in tussock tundra along drainage
	4	67°15'49.5"	163°40'34.7"	14	100	7–10 July 2003	345	2 *Sorex cinereus*, 1 *S. hoyi*, 2 *S. yukonicus*, 1 *Clethrionomys rutilus*, 11 *Microtus miurus*, 1 *M. oeconomus*, 1 *Spermophilus parryii*	Open tall scrub: willow along drainage with cotton grass and *Potentilla* sp.
CAKR Igisukruk Mountain	1	67°08'18.5"	162°53'5.8"	85	150	11–15 July 2003	100	7 *Sorex cinereus*, 4 *S. monticolus*	Open tall scrub: willow along drainage
	2	67°08'15.5"	162°53'4.2"	85	150	11–15 July 2003	340	10 *Sorex cinereus*, 15 *S. monticolus*, 1 *S. hoyi*, 5 *Clethrionomys rutilus*, 3 *Microtus oeconomus*	Open tall scrub: willow along drainage
	3	67°08'11.5"	162°52'44.9"	80	250	11–15 July 2003	412	23 *Sorex cinereus*, 1 *S. hoyi*, 4 *S. monticolus*, 1 *S. tundrensis*, 11 *Clethrionomys rutilus*, 13 *Microtus oeconomus*	Closed low scrub: dwarf birch, blueberry and willow along bog edge
	4	67°08'9.1"	162°53'3.5"	91	100	12–15 July 2003	150	2 *Sorex cinereus*, 6 *S. monticolus*, 4 *Clethrionomys rutilus*, 1 *Microtus oeconomus*	Closed tall scrub: willow
	5	67°08'14.8"	162°53'41.8"	166	100	12–15 July 2003	150	4 *Sorex cinereus*, 1 *Clethrionomys rutilus*	Edge of open needleleaf forest and *Dryas* dwarf scrub with *Potentilla* sp.
	6	67°08'37.1"	162°53'39.0"	70	200	12–15 July 2003	261	28 *Sorex cinereus*, 2 *S. monticolus*, 4 *S. hoyi*, 1 *S. tundrensis*, 21 *Clethrionomys rutilus*, 2 *Microtus oeconomus*	Open needleleaf forest with dwarf birch understory, blueberry, *Iris*, *Mertensia*, *Potentilla*

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
NOAT Kelly River confluence	1	67°55'28"	162°17'36"	--	--	31 July–3 August 2000	411	43 *Clethrionomys rutilus*, 4 *Microtus oeconomus*	Open needleleaf forest
	2	67°56'41"	162°13'55"	--	--	31 July–3 August 2000	795	1 *Sorex tundrensis*, 84 *Clethrionomys rutilus*, 16 *Microtus oeconomus*	Open needleleaf forest
NOAT Aniralik Lake	1	68°12'35"	159°49'53"	227	100	31 July–4 August 2001	990	1 *Sorex cinereus*, 34 *Clethrionomys rutilus*, 20 *Microtus oeconomus*, 8 *M. miurus*	Mesic graminoid herbaceous (sedge tussocks w/ dwarf birch)
	2	68°12'44"	159°49'06"	240	100	2–4 Aug 2001	160	3 *Clethrionomys rutilus*, 25 *Microtus miurus*	Open low scrub (low hilltop w/ birch, willow)
NOAT Asik Mts.	1	67°28'24"	162°13'24"	100	100	27–30 July 2001	180	9 *Spermophilus parryii*	Mesic graminoid herbaceous (tussocks w/ sparse spruce)
	2	67°28'25"	162°12'59"	100	100	27–30 July 2001	695	10 *Sorex cinereus*, 3 *S. tundrensis*, 4 *Clethrionomys rutilus*, 32 *Microtus oeconomus*	Mesic graminoid herbaceous (tussock tundra)
	3	67°28'09"	162°12'34"	100	100	28–30 July 2001	100	7 *Clethrionomys rutilus*, 1 *Microtus miurus*	Mesic graminoid herbaceous (tussock tundra)
NOAT Copter Peak	1	68°28'29"	161°28'53"	460	100	24–27 July 2001	260	13 *Microtus miurus*	Dry graminoid herbaceous (non-tussocky meadow slope)
	2	68°28'30"	161°28'39"	460	100	24–27 July 2001	210	5 *Microtus miurus*	Open tall scrub (20–50% willow cover)
	3	68°28'14"	161°28'39"	460	100	24–27 July 2001	75	1 *Microtus oeconomus*, 9 *M. miurus*	Mesic graminoid herbaceous
	4	68°28'25"	161°28'55"	460	100	24–27 July 2001	135	1 *Lemmus trimucronatus* (skull found)	Dry/mesic graminoid herbaceous
	5	68°28'05"	161°29'43"	460	100	25–27 July 2001	250	1 *Sorex tundrensis*, 9 *Microtus oeconomus*, 2 *M. miurus*	Wet graminoid herbaceous

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
NOAT Desperation Lake	1	68°20'31"	158°44'37"	400	200	10–14 July 2001	200	0 captures	Mesic graminoid herbaceous
	2	68°20'13"	158°44'35"	400	200	10–12 July 2001	102	0 captures	Mesic graminoid herbaceous
	3	68°20'12"	158°44'53"	400	10	10–14 July 2001	56	5 *Spermophilus parryii*	Dry forb herbaceous
	4	68°20'09"	158°44'28"	400	200	11–14 July 2001	150	0 captures	Mesic graminoid herbaceous
	5	68°20'14"	158°44'02"	400	100	11–14 July 2001	150	0 captures	Mesic graminoid herbaceous
	6	68°20'17"	158°43'39"	400	200	11–14 July 2001	330	5 *Microtus oeconomus*, 1 *Dicrostonyx groenlandicus*, 2 *Lemmus trimucronatus*	Mesic graminoid herbaceous (meadows with tussocks)
	7	68°20'4"	158°41'20"	540	100	11–13 July 2001	100	0 captures	Bryoid herbaceous (talus slope)
NOAT Kaluich Creek	1	67°39'50"	158°11'26"	460	200	18–22 July 2001	1204	1 *Sorex ugyunak*, 24 *Clethrionomys rutilus*, 10 *Microtus oeconomus*, 13 *M. miurus*, 9 *Lemmus trimucronatus*	Mesic graminoid herbaceous (tussock tundra w/sedge, willow, birch)
NOAT Sidik Lake	1	68°08'51"	158°58'50"	300	100	14–18 July 2001	606	1 *Sorex tundrensis*, 12 *Clethrionomys rutilus*, 8 *Microtus miurus*, 1 *Lemmus trimucronatus*	Mesic graminoid herbaceous (tussock tundra w/sedge, dwarf willow, birch, *Ledum*)
	2	68°08'56"	158°59'17"	290	100	14–18 July 2001	600	12 *Clethrionomys rutilus*, 21 *Microtus oeconomus*, 12 *M. miurus*	Mesic graminoid herbaceous (tussock tundra)
KOVA Kavet Creek	1	67°07'42"	159°02'14"	13.7	--	5–9 Aug 2000	300	24 *Clethrionomys rutilus*, 13 *Microtus xanthognathus*	Open mixed forest
	2	67°07'27"	159°02'55`"	--	--	5–9 Aug 2000	300	16 *Clethrionomys rutilus*, 4 *Microtus xanthognathus*	Open mixed forest
	3	67°07'23"	159°03'13"	--	--	5–9 Aug 2000	384	1 *Sorex cinereus*, 24 *Clethrionomys rutilus*, 18 *Microtus xanthognathus*	Open needleleaf forest
	4	67°06'14"	159°01'04"	--	--	6–8 Aug 2000	100	1 *Clethrionomys rutilus*, 23 *Microtus xanthognathus*	Open needleleaf forest
	5	67°11'	159°07'	30	--	8–9 Aug 2000	75	21 *Clethrionomys rutilus*, 1 *Microtus oeconomus*	Mesic graminoid herbaceous
KOVA Kallarichuk River	1	67°05'23"	159°46'51"	10	100	4–8 Aug 2001	588	16 *Clethrionomys rutilus*, 3 *Microtus oeconomus*, 9 *M. xanthognathus*, 1 *Tamiasciurus hudsonicus*	Open needleleaf forest (black spruce w/ alder, willow shrubs, and grass-moss understory)
	2	67°05'10"	159°46'43"	15	200	4–8 Aug 2001	600	17 *Clethrionomys rutilus*, 3 *Microtus oeconomus*, 15 *M. xanthognathus*	Closed tall scrub (willow thickets)

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
KOVA Onion Portage	1	67°06'21"	158°16'11"	22	100	8–10 Aug 2001	156	1 *Sorex cinereus*, 3 *Clethrionomys rutilus*, 1 *Lemmus trimucronatus*	Open mixed forest (spruce, aspen)
	2	67°06'21"	158°16'11"	22	100	8–10 Aug 2001	174	1 *Sorex cinereus*, 3 *Clethrionomys rutilus*, 10 *Microtus oeconomus*	Open broadleaf forest (aspen)
	3	67°06'21"	158°16'11"	22	100	8–10 Aug 2001	334	3 *Sorex cinereus*, 1 *S. tundrensis*, 4 *Clethrionomys rutilus*, 10 *Microtus oeconomus*, 1 *Tamiasciurus hudsonicus*	Open needleleaf forest
	4	67°06'21"	158°16'11"	50	100	10–12 Aug 2001	264	2 *Sorex cinereus*, 1 *Clethrionomys rutilus*, 9 *Microtus oeconomus*, 1 *Lemmus trimucronatus*	Open low scrub (4 ft. birch shrub w/ occasional spruce, willow)
	5	67°06'21"	158°16'11"	25	100	10–12 Aug 2001	100	6 *Clethrionomys rutilus*	Closed needleleaf forest
	6	67°06'21"	158°16'11"	50	100	11–12 Aug 2001	100	1 *Sorex cinereus*, 4 *Clethrionomys rutilus*	Needleleaf woodland
KOVA Baird Mountains, Salmon River	1	67°36'17.0"	159°47'53.4"	200	100	16–20 July 2003	200	1 *Sorex cinereus*, 1 *S. ugyunak*	Closed tall scrub: willow along streambed
	2	67°36'11.6"	159°47'20.4"	133	100	16–20 July 2003	300	3 *Sorex cinereus*, 1 *Clethrionomys rutilus*, 5 *Microtus miurus*	Open low scrub: dwarf birch with cotton grass on edge of conifer forest
	3	67°36'14.0"	159°47'16.3"	128	100	16–20 July 2003	375	7 *Sorex cinereus*, 1 *Microtus miurus*, 1 *M. oeconomus*	Open needleleaf forest: white spruce along riverbank
	4	67°36'9.9"	159°47'38.8"	75	50	16–20 July 2003	200	2 *M. oeconomus*	Open tall scrub: willow
	5	67°36'8.0"	159°47'22.9"	140	100	16–20 July 2003	300	5 *Sorex cinereus*, 1 *S. monticolus*, 3 *S. ugyunak*	Tall low scrub: dwarf birch and alder and tussock tundra
	6	67°35'39.4"	159°48'55.2"	600	450	17–20 July 2003	153	1 *Sorex yukonicus*	Edge of open tall scrub and mesic graminoid herbaceous
	7	67°36'19.2"	159°48'10.3"	50	100	18–20 July 2003	90	6 *Sorex cinereus*	Open needleleaf forest: white spruce
	8			130	200	19–20 July 2003	54	No captures	Open broadleaf forest: balsam poplar

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
KOVA Baird Mountains, headwaters of the Akillik River	1	67°29'2.1"	158°14'11.5"	470	20	21–24 July 2003	75	No captures	Rocky outcropping
	2	67°29'7.7"	158°13'59.7"	450	100	21–27 July 2003	175	3 *Sorex monticolus*, 1 *Microtus miurus*	Open low scrub: willow and tussock tundra
	3	67°29'10.9"	158°13'46.6"	440	150	21–26 July 2003	375	2 *Sorex cinereus*, 1 *S. monticolus*, 1 *Microtus miurus*	Open tall scrub: willow along river
	4	67°28'45.9"	158°14'36.8"	770	75	21–25 July 2003	300	No captures	Dwarf tree scrub: dwarf birch edge and mesic graminoid herbaceous
	5	67°28'56.7"	158°14'49.8"	333	50	21–27 July 2003	450	1 *Sorex ugyunak*, 1 *S. yukonicus*, 1 *S. monticolus*, 2 *Clethrionomys rutilus*, 10 *Microtus miurus*	Open tall scrub: willow
	6	67°29'8.7"	158°14'48.7"	581	100	21–26 July 2003	250	1 *S. monticolus*, 4 *Microtus miurus*	Mesic graminoid herbaceous
	7	67°29'3.6"	158°14'38.0"	501	100	22–27 July 2003	250	1 *Sorex ugyunak*, 3 *S. monticolus*, 1 *Microtus miurus*	Open tall scrub: willow
	8	67°28'48.0"	158°14'26.1"	508	100	22–26 July 2003	100	No captures	Open tall scrub: willow
	9	67°28'39.5"	158°14'50.3"	900	50	22–24 July 2003	46	No captures	Mesic graminoid herbaceous
	10	67°28'50.5"	158°13'18.0"	850	100	22–26 July 2003	140	No captures	Open low scrub: willow
	11	67°28'56.8"	158°14'51.9"	200	200	24–27 July 2003	150	6 *Microtus miurus*	Open tall scrub: willow
	12	67°28'45.9"	158°14'36.8"	350	200	26–27 July 2003	50	1 *Clethrionomys rutilus*	Open tall scrub: willow
	13	67°29'3.6"	158°14'38.0"	450	150	26–27 July 2003	50	1 *Sorex cinereus*, 1 *Microtus miurus*	Open tall scrub: willow

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
KOVA Waring Mountains	1	67°00'50.0"	158°29'32.6"	70	75	27–31 July 2003	176	6 *Sorex cinereus*, 1 *S. hoyi*, 1 *S. ugyunak*, 2 *S. tundrensis*, 1 *S. monticolus*, 1 *Microtus oeconomus*	Closed tall scrub: willow on edge of stream with rocky/moss substrate
	2	67°01'6.2"	158°29'29.8"	53	300	27–30 July 2003	180	8 *Sorex cinereus*, 1 *S. hoyi*, 1 *S. ugyunak*, 1 *S. yukonicus*, 3 *Clethrionomys rutilus*, 1 *Microtus oeconomus*	Open low scrub: alder in tussock tundra with blueberry
	3	67°00'51.7"	158°29'49.9"	83	100	27–31 July 2003	260	7 *Sorex cinereus*, 2 *S. ugyunak*, 6 *Clethrionomys rutilus*	Open broadleaf forest: aspen
	4	67°00'45.2"	158°29'57.4"	84	75	27–31 July 2003	256	4 *Sorex cinereus*, 13 *Clethrionomys rutilus*	Closed tall scrub (alder) mixed with birch (40%) and white spruce (10%)
	5	67°01'7.5"	158°29'22.6"	67	300	27–31 July 2003	300	12 *Sorex cinereus*, 1 *S. hoyi*, 1 *S. ugyunak*, 7 *S. monticolus*, 8 *Microtus oeconomus*	Line through tussock tundra and mixed forest of aspen, birch, and spruce
	6	67°00'29.0"	158°28'48.5"	230	10	28–30 July 2003	30	1 *Sorex cinereus*, 2 *Clethrionomys rutilus*	Open scrub (alder) with tussock tundra
	7	67°00'25.5"	158°28'49.1"	350	10	28–30 July 2003	20	1 *Sorex cinereus*, 1 *Clethrionomys rutilus*	Open scrub (alder) with tussock tundra
	8	67°00'17.6"	158°28'44.2"	350	250	28–30 July 2003	130	1 *Sorex cinereus*, 16 *Clethrionomys rutilus*	Line through graminoid edge of tussock tundra
	9	67°00'30.5"	158°28'54.9"	230	3	28–30 July 2003	2	1 *Dicrostonyx groenlandicus*	Open scrub with tussock tundra
	10	67°01'37.5"	158°28'3.5"	54	75	28–30 July 2003	90	3 *Sorex cinereus*	Bog: wet graminoid herbaceous with alder (open low scrub)
	11	67°01'42.8"	158°28'11.0"	58	50	28–30 July 2003	60	1 *Sorex cinereus*, 1 *Microtus oeconomus*	Wet graminoid herbaceous: tussock tundra with reeds and blueberry

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
BELA Devil Mtn. Lakes	1	66°23.283'	164°29.056'	16	152	24–27 July 2001	300	3 *Sorex cinereus*, 2 *S. yukonicus*, 3 *Clethrionomys rutilus*	Closed low willow shrub w/ alder
	2	66°23.204'	164°28.973'	46	152	24–27 July 2001	75	1 *Sorex yukonicus*	Open willow scrub
	3	66°23.114'	164°29.160'	32	458	24–27 July 2001	150	9 *Spermophilus parryii*	Dry tundra w/ dwarf birch
	4	66°22.970'	164°28.273'	51	152	25–27 July 2001	80	5 *Spermophilus parryii*	Lake edge w/ willow, grasses
	5	66°23.232'	164°27.238'	22	152	25–27 July 2001	100	1 *Clethrionomys rutilus*, 3 *Microtus miurus*, 1 *Dicrostonyx groenlandicus*	Closed dwarf birch, willow
	6	66°23.276'	164°28.907'	76	91	25–27 July 2001	100	0 captures	Lake edge w/ grass and open dwarf willow
	7	66°22.868'	164°28.256'	53	152	25–27 July 2001	50	3 *Sorex cinereus*	Open dwarf willow on slope
	8	66°23.268'	164°28.970'	76	152	25–27 July 2001	100	0 captures	Open tundra edge w/ willow
BELA Kuzitrin Lake	1	65°23.263'	163°15.868'	442	152	27–31 July 2001	200	3 *Microtus oeconomus*	Open dry tundra
	2	65°23.263'	163°15.868'	442	152	27–31 July 2001	100	1 *Sorex ugyunak*, 3 *Microtus oeconomus*, 1 *Lemmus trimucronatus*	Edge of open tundra and willow scrub
	3	65°23.145'	163°14.368'	439	152	27–30 July 2001	150	0 captures	--
	4	65°23.468'	163°15.486'	442	152	28–31 July 2001	75	0 captures	Open tundra
	5	65°23.362'	163°16.476'	442	152	28–31 July 2001	210	2 *Clethrionomys rutilus*, 1 *Microtus oeconomus*	Open dwarf birch
	6	65°23.821'	163°17.340'	427	152	28–31 July 2001	150	1 *Lemmus trimucronatus*	Edge of willow and open tundra
	7	65°23.329'	163°16.314'	429	152	28–30 July 2001	100	1 *Microtus oeconomus*	Open dwarf birch
BELA Serpentine Hot Springs	All	65°51'	164°42'	--	--	3–11 Aug 2001	--	71 *Sorex cinereus*, 2 *S. monticolus*, 8 *S. tundrensis*, 1 *S. yukonicus*, 23 *Clethrionomys rutilus*, 2 *Dicrostonyx groenlandicus*, 14 *Microtus oeconomus*, 8 *Spermophilus parryii*	--

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
GAAR Lake Tulilik	1	68°07'0.5"	154°07'12.6"	537	250	11–18 July 2002	725	3 *Sorex monticolus*, 9 *S. tundrensis*, 14 *S. ugyunak*, 15 *Clethrionomys rutilus*, 57 *Microtus oeconomus*, 1 *M. miurus*, 2 *Lemmus trimucronatus*, 2 *Spermophilus parryii*	Closed dwarf tree scrub w/ dwarf birch and willow along lake edge
	2	68°07'14.6"	154°07'22.7"	538	50	11–17 July 2002	270	1 *Sorex monticolus*, 3 *S. tundrensis*, 4 *Clethrionomys rutilus*, 17 *Microtus oeconomus*, 15 *M. miurus*	Along edge of creek and open tall willow
	3	68°07'14.6"	154°07'22.7"	538	250	11–14 July 2002	402	1 *Microtus oeconomus*, 14 *M. miurus*	Open dwarf birch scrub
	4	68°07'7.6"	154°07'19.0"	533	50	11–14 July 2002	120	1 *Microtus oeconomus*, 11 *M. miurus*	Open dwarf scrub
	5	68°07'02.2"	154°06'45.3"	547	50	11–14 July 2002	180	2 *Clethrionomys rutilus*, 1 *Microtus miurus*	Open tall scrub along stream
	6	68°07'11.5"	154°07'41.4"	541	150	11–14 July 2002	120	5 *Microtus oeconomus*, 1 *M. miurus*	Open dwarf tree scrub
	7	68°06'23.2"	154°08'31.7"	618	3	14–15 July 2002	11	1 *Microtus oeconomus*	Closed dwarf scrub
	8	68°06'29.5"	154°08'22.0"	607	150	14–17 July 2002	90	1 *Sorex ugyunak*, 1 *Clethrionomys rutilus*, 4 *Microtus oeconomus*	Wet tussock tundra
	9	68°06'04.0"	154°08'56.5"	747	25	14–17 July 2002	51	5 *Microtus oeconomus*, 1 *M. miurus*	Open tall willow along stream
	10	68°06'16.7"	154°08'54.7"	640	200	14–17 July 2002	180	2 *Clethrionomys rutilus*, 1 *Microtus oeconomus*, 18 *M. miurus*	Closed dwarf birch and willow along ridge of mountain
	11	68°06'11.6"	154°08'59.3"	707	10	14–18 July 2002	24	4 *Spermophilus parryii*	Dryas dwarf scrub tundra
	12	68°06'57.9"	154°06'35.3"	542	200	16–17 July 2002	50	1 *Sorex monticolus*, 1 *S. tundrensis*, 3 *Clethrionomys rutilus*, 1 *Microtus oeconomus*	Closed dwarf scrub within 20 m of lake

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
GAAR Lake Isiak	1	67°43'17.4"	156°08'14.5"	515	200	18–24 July 2002	280	3 *Clethrionomys rutilus*, 3 *Microtus miurus*	Open tall scrub (willow and alder along stream)
	2	67°43'09.5"	156°08'17.6"	519	200	18–25 July 2002	320	2 *Sorex cinereus*, 15 *S. monticolus*, 2 *S. ugyunak*, 10 *Microtus miurus*, 2 *Spermophilus parryii*	Closed tall alder and willow scrub w/ cotton grass along lake edge
	3	67°43'13.9"	156°08'8.4"	501	150	18–22 July 2002	179	1 *Sorex monticolus*	Open tall alder and willow
	4	67°43'40.6"	156°09'50.8"	530	200	19–24 July 2002	320	1 *Sorex tundrensis*, 1 *S. ugyunak*, 7 *Clethrionomys rutilus*, 19 *Microtus miurus*	Open birch-willow scrub w/ cotton grass
	5	67°43'37.3"	156°09'42.2"	537	25	19–24 July 2002	50	1 *Sorex tundrensis*, 2 *Microtus miurus*	Closed dwarf birch scrub
	6	67°43'38.7"	156°09'31.6"	521	25	19–24 July 2002	50	2 *Sorex cinereus*, 1 *S. monticolus*, 3 *S. tundrensis*	Tussock tundra
	7	67°42'27.5"	156°10'9.2"	520	200	19–22 July 2002	108	1 *Sorex ugyunak*, 1 *Clethrionomys rutilus*, 15 *Microtus miurus*	Open tall birch-alder scrub
	8	67°42'56.0"	156°08'58.7"	522	100	19–24 July 2002	90	1 *Sorex monticolus*, 1 *S. tundrensis*, 1 *Microtus miurus*	Open dwarf tree scrub along lake edge
	9	67°43'17.3"	156°07'59.9"	522	50	19–24 July 2002	100	1 *Sorex monticolus*, 4 *Microtus oeconomus*, 2 *M. miurus*	Tussock tundra of *Eriophorum* and scattered dwarf birch
	10	67°43'19.7"	156°07'53.6"	526	200	21–24 July 2002	120	2 *Clethrionomys rutilus*, 7 *Microtus miurus*	Open tall birch-willow scrub
	11	67°43'19.7"	156°03'53.2"	664	150	22–23 July 2002	45	1 *Clethrionomys rutilus*, 1 *Microtus miurus*, 1 *Spermophilus parryii*	Dryas dwarf birch scrub
	12	67°43'15.5"	156°03'37.9"	642	200	22–23 July 2002	40	1 *Sorex cinereus*, 1 *Clethrionomys rutilus*, 1 *Microtus miurus*	Closed dwarf birch-alder scrub along stream edging talus slope
	13	67°43'14.2"	156°03'51.7"	542	150	22–23 July 2002	40	1 *Clethrionomys rutilus*	Open dwarf birch scrub and Dryas

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
GAAR Takahula Lake	1	67°20'47.8"	153°39'53.1"	371	150	25 July–1 Aug 2002	678	3 *Sorex cinereus*, 3 *S. hoyi*, 8 *S. monticolus*, 12 *Clethrionomys rutilus*, 17 *Microtus oeconomus*, 1 *M. pennsylvanicus*, 1 *M. miurus*, 7 *Synaptomys borealis*	Open mixed forest surrounding a bog
	2	67°20'44.9"	153°39'58.3"	231	100	25–29 July 2002	200	4 *Clethrionomys rutilus*, 6 *Microtus oeconomus*	Open mixed forest w/ alder understory
	3	67°20'44.6"	153°39'36.9"	241	150	25 July–1 Aug 2002	525	4 *Sorex cinereus*, 1 *S. hoyi*, 11 *S. monticolus*, 2 *S. ugyunak*, 5 *Clethrionomys rutilus*, 19 *Microtus oeconomus*, 13 *M. pennsylvanicus*, 2 *M. miurus*, 3 *Synaptomys borealis*	Open mixed forest
	4	67°21'00.1"	153°38'42.4"	242	100	27–31 July 2002	168	4 *Sorex hoyi*, 12 *S. monticolus*, 5 *S. tundrensis*, 1 *S. ugyunak*, 13 *Clethrionomys rutilus*, 41 *Microtus oeconomus*, 3 *Synaptomys borealis*	Edge of closed mixed forest and lake shore
	5	67°21'12.0"	153°40'42.4"	235	150	27–31 July 2002	160	1 *Sorex cinereus*, 1 *S. hoyi*, 4 *S. monticolus*, 1 *S. tundrensis*, 13 *Clethrionomys rutilus*, 19 *Microtus oeconomus*, 2 *M. miurus*, 2 *Synaptomys borealis*	Open low scrub with cotton grass
	6	67°20'49.1"	153°39'20.1"	237	150	28–31 July 2002	300	2 *Clethrionomys rutilus*, 33 *Microtus oeconomus*	Open mixed forest along stream
	7	67°21'38.0"	153°40'12.0"	234	100	29–31 July 2002	90	7 *Sorex monticolus*, 2 *S. tundrensis*, 24 *M. miurus*	Open tall alder and willow scrub along edge of lake shore
GAAR Walker Lake	1	67°06'10.4"	154°16'17.5"	213	150	1–8 Aug 2002	350	1 *Sorex hoyi*, 2 *S. tundrensis*, 45 *Clethrionomys rutilus*, 2 *Microtus oeconomus*, 2 *M. pennsylvanicus*, 8 *M. xanthognathus*, 5 *Lemmus trimucronatus*, 3 *Synaptomys borealis*	Open mixed forest along edge of pond
	2	67°05'50.0"	154°15'54.8"	216	15	1–7 Aug 2002	300	16 *Clethrionomys rutilus*, 16 *Microtus xanthognathus*, 1 *Synaptomys borealis*	Open tall scrub w/ some spruce; very dry
	3	67°06'02.9"	154°16'15.4"	207	150	2–8 Aug 2002	210	3 *Sorex cinereus*, 2 *S. hoyi*, 21 *Clethrionomys rutilus*, 15 *Microtus xanthognathus*, 1 *Synaptomys borealis*	Open mixed forest
	4	67°06'11.5"	154°16'26.6"	216	25	2–8 Aug 2002	132	21 *Clethrionomys rutilus*, 2 *Microtus xanthognathus*, 3 *Lemmus trimucronatus*, 9 *Synaptomys borealis*	Open tall alder-willow scrub along edge of dried-up swamp of grass/sedge
	5	67°06'21.3"	154°16'14.2"	271	150	5–7 Aug 2002	144	1 *Sorex cinereus*, 19 *Clethrionomys rutilus*, 10 *Microtus xanthognathus*, 1 *Lemmus trimucronatus*, 2 *Synaptomys borealis*	Closed tall scrub
	6	67°06'09.4"	154°16'32.5"	213	10	3 & 7 Aug 2002	Gun	1 *Tamiasciurus hudsonicus*, 1 *Erethizon dorsatum*	Open birch-aspen-spruce forest

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
GAAR Agiak Lake	1	68°04'50.9"	152°56'31.4"	925	300	11–13 July 2002	98	2 *Sorex monticolus*, 15 *Microtus oeconomus*, 4 *Lemmus trimucronatus*	--
	2	68°04'51.2"	152°56'25.0"	954	3	11–15 July 2002	300	1 *Sorex monticolus*, 1 *Clethrionomys rutilus*, 12 *Microtus miurus*	--
	3	68°04'48.4"	152°56'44.1"	951	6	11–15 July 2002	200	12 *Sorex monticolus*, 2 *Clethrionomys rutilus*, 9 *Microtus oeconomus*, 2 *M. miurus*	Moist area
	4	68°04'52.9"	152°56'37.0"	930	200	11–15 July 2002	100	1 *Sorex monticolus*, 15 *Microtus oeconomus*, 1 *M. miurus*	--
	5	68°04'52.2"	152°56'54.3"	1095	300	13–17 July 2002	124	1 *Sorex monticolus*, 3 *Microtus oeconomus*, 2 *Lemmus trimucronatus*	Marshy tundra/grass/hummocks
	6	68°04'39.8"	152°55'14.8"	965	300	13–17 July 2002	220	4 *Sorex monticolus*, 1 *Clethrionomys rutilus*, 2 *Microtus oeconomus*, 45 *M. miurus*	Shrubs, small creeks
	7	68°05'01.4"	152°57'36.2"	1001	300	13–15 July 2002	300	6 *Sorex monticolus*, 7 *Clethrionomys rutilus*, 1 *Microtus oeconomus*, 60 *M. miurus*	Hillside-shrubs-flat tundra
	8	68°04'39.2"	152°55'27.8"	920	200	15–17 July 2002	20	2 *Clethrionomys rutilus*, 3 *Microtus miurus*	--
	9	68°04'51.9"	152°57'55"	990	400	16–17 July 2002	200(?)	2 *Sorex monticolus*, 3 *Clethrionomys rutilus*, 52 *Microtus miurus*	--
GAAR No. Fork Koyukuk River	1	67°27'21.0"	150°51'22.3"	348	100	18–22 July 2002	168	2 *Sorex hoyi*, 4 *Clethrionomys rutilus*, 15 *Microtus oeconomus*, 1 *Synaptomys borealis*	Wet moss
	2	67°27'19.7"	150°51'29.5"	335	100	18–22 July 2002	460	26 *Clethrionomys rutilus*, 13 *Microtus oeconomus*, 2 *M. pennsylvanicus*, 5 *Lemmus trimucronatus*, 5 *Synaptomys borealis*	Moss, moist, few spruce-birch trees along edge of lake
	3	67°27'20.7"	150°51'31.6"	341	200	18–22 July 2002	110	28 *Clethrionomys rutilus*, 1 *Lemmus trimucronatus*, 2 *Synaptomys borealis*	Open spruce/birch forest
	4	67°27'29.15"	150°51'48.5"	340	250	19–24 July 2002	125	1 *Sorex cinereus*, 2 *S. hoyi*, 8 *Clethrionomys rutilus*, 13 *Microtus oeconomus*, 12 *M. pennsylvanicus*, 2 *Lemmus trimucronatus*, 11 *Synaptomys borealis*	Moist moss/tundra
	5	67°27'17.0"	150°51'49.5"	341	200	20–23 July 2002	220	33 *Clethrionomys rutilus*, 20 *Microtus oeconomus*, 1 *M. miurus*	Mixed spruce/birch forest along shoreline
	6	67°27'27.3"	150°51'41.3"	343	200	22–24 July 2002	90	1 *Sorex hoyi*, 4 *Clethrionomys rutilus*, 4 *Microtus oeconomus*, 1 *M. pennsylvanicus*, 2 *Synaptomys borealis*	Moist/mossy/tundra
	7	67°27'11.2"	150°51'00.1"	353	200	22–24 July 2002	180	24 *Clethrionomys rutilus*, 15 *Microtus oeconomus*, 1 *M. pennsylvanicus*, 2 *Lemmus trimucronatus*, 9 *Synaptomys borealis*	Mixed spruce-birch forest edge of moist/mossy/tundra shoreline
	8	67°27'07.4"	150°51'41.1"	335	200	23–24 July 2002	63	8 *Clethrionomys rutilus*, 7 *Microtus oeconomus*, 2 *Lemmus trimucronatus*, 4 *Synaptomys borealis*	shoreline

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
GAAR Fortress Mountain	1	68°34'48.4"	152°57'35.6"	719	200	27–30 July 2002	150	1 *Microtus oeconomus*, 36 *M. miurus*	--
	2	68°34'44.0"	152°57'23.3"	750	80	27–31 July 2002	84	1 *Sorex monticolus*, 10 *Microtus miurus*	--
	3	68°34'39.9"	152°57'27.1"	730	100	27 July–1 Aug 2002	110	1 *Sorex cinereus*, 1 *Microtus oeconomus*, 1 *M. miurus*	--
	4	68°34'19.7"	152°57'20.9"	846	300	28 July–1 Aug 2002	200	12 *Microtus miurus*, 2 *Dicrostonyx groenlandicus*	--
	5	68°34'37.9"	152°57'13.7"	740	300	28 July–1 Aug 2002	156	2 *Sorex cinereus*, 1 *S. monticolus*, 1 *Microtus oeconomus*	--
	6	68°34'17.6"	152°57'34.2"	867	250	29–31 July 2002	126	2 *Microtus miurus*, 1 *Dicrostonyx groenlandicus*	--
	7	68°34'38.4"	152°57'05.0"	715	200	29 July–1 Aug 2002	120	5 *Sorex cinereus*, 1 *S. yukonicus*, 9 *Microtus oeconomus*, 3 *M. miurus*, 1 *Dicrostonyx groenlandicus*	Moist grassy swale
	8	68°34'51.2"	152°57'51.5"	693	150	29–31 July 2002	90	1 *Sorex cinereus*, 1 *S. ugyunak*, 1 *Clethrionomys rutilus*, 5 *Microtus oeconomus*, 13 *M. miurus*	--
	9	68°34'49.3"	152°56'35.8"	668	150	29–31 July 2002	100(?)	2 *Sorex cinereus*, 3 *Microtus oeconomus*, 17 *M. miurus*	--
	10	68°34'41.8"	152°56'59.8"	703	100	29–31 July 2002	40	7 *Microtus oeconomus*	--
	11	68°34'52.0"	152°56'42.9"	655	200	31 July–1 Aug 2002	26	1 *Microtus oeconomus*	--
	12	68°34'26.2"	152°58'01.0"	842	150	31 July–1 Aug 2002	30	2 *Microtus miurus*	--
	13	68°34'45.6"	152°56'48.6"	702	150	29–31 July 2002	26	0 captures	--

Table 1 *(continued)*

	Line #	N Latitude	W Longitude	Elev (M)	Max Error (M)	Date	# Trap Nights	# Captures By Species	Vegetation Type
GAAR Nanushuk River	1	68°16'38.5"	150°39'19.6"	943	250	2–6 Aug 2002	267	4 *Sorex cinereus*, 1 *S. monticolus*, 1 *Clethrionomys rutilus*, 89 *M. oeconomus*	--
	2	68°16'31.7"	150°39'46.4"	1009	350	2–6 Aug 2002	280	8 *Clethrionomys rutilus*, 9 *Microtus miurus*, 1 *Spermophilus parryii*	--
	3	68°16'25.4"	150°39'17.6"	947	300	2–6 Aug 2002	200	1 *Clethrionomys rutilus*, 10 *Microtus miurus*	--
	4	68°16'35.5"	150°39'07.8"	950	10	2–6 Aug 2002	80	5 *Microtus miurus*	--
	5	68°16'41.8"	150°39'55.6"	1004	350	2–6 Aug 2002	192	1 *Sorex cinereus*, 6 *Clethrionomys rutilus*, 6 *Microtus oeconomus*, 16 *M. miurus*	--
	6	68°16'30.5"	150°39'17.1"	980	150	3–6 Aug 2002	120	1 *Microtus oeconomus*, 3 *M. miurus*	--
	7	68°16'44.8"	150°39'12.2"	1032	200	4–6 Aug 2002	60	4 *Microtus miurus*	--
	8	68°16'28.1"	150°40'03.0"	958	300	4–6 Aug 2002	100	4 *Clethrionomys rutilus*, 19 *Microtus miurus*	--

Table 2. *Field personnel involved in mammal inventories of the NPS Arctic Network, Alaska, between 2000 and 2003.*

	PARK UNIT	FIELD PERSONNEL
2000	KOVA, NOAT, CAKR	Amy Runck (UAM) John Bender II (UAM) Richard Runck (UAM) Dusty McDonald (UAM) Brent Wagner (U. Saskatchewan)
2001	KOVA, NOAT, CAKR, BELA	Amy Runck (UAM) Nickolai Dokuchaev (Russia) Robert Foster (Noorvik, Alaska) Erick Tomasik (ISU) Kerynn Fisher (NPS) Vadim Fedorov (Russia-UAM) Alexei Fedorov (UAM) Erick Waltari (UAM) Brent Wagner (U. Saskatchewan)
2002	GAAR	Amy Runck (UAM) Heikki Henttonen (Finland) Jukka Niemimaa (Finland) Juha Laakkonen (Finland) Kyndall Hilderbrandt (UAM) John Bender II (UAM) Brandy Jacobsen (UAM) Robert Allen (UAM) Terri Ball (NPS) John Burch (NPS) Melanie Cook (NPS) Elena Potikha (Russia)
2003	KOVA, CAKR	Amy Runck (ISU) John Bender II (ISU) Karl Vanderwood (ISU) Skylar Smith (ISU)

Table 3. *Checklists of the land mammals of 12 Alaska National Park Service units inventoried between 2000 and 2004. Current status: ● = present and substantiated with a voucher specimen, ○ = species of probable but unverified occurrence, ✪ = newly discovered and vouchered in these inventories. Species highlighted in gray are considered "small mammals."*

	Central Network			Arctic Network					Southwest Network				Number of Park Units
	YUCH	DENA	WRST	GAAR	KOVA	NOAT	CAKR	BELA	KEFJ	LACL	KATM	ANIA	
SHREWS													
Sorex cinereus	●	●	●	●	●	●	●	●	✪	●	●	○	12
S. hoyi	●	●	●	●	✪		✪		○	✪	✪		9
S. monticolus	●	●	●	●	●	●	✪	●	✪	✪	●	○	12
S. palustris	○	●	✪										3
S. tundrensis	●	●	✪	✪	●	●	●	●		✪	✪	○	11
S. ugyunak				✪	✪	●	●	✪					5
S. yukonicus	μ	✪	✪	✪	✪		✪	✪		●			8
BATS													
Myotis lucifugus		○	●						○	✪	○		5
CARNIVORES													
Alopex lagopus				●			○	○					3
Canis latrans	○	●	●	●					○	○	○		7
C. lupus	●	●	●	●	●	●	●	○	○	○	●	○	12
Vulpes vulpes	○	●	○	●	○	○	○	●	○	✪	●	○	12
Lynx canadensis	○	●	●	●	○	○		○	○	✪	○		10
Gulo gulo	●	●	●	●	●	●	●	●	○	○	○	○	12
Lontra canadensis	○	●	●	○		○		○	○	○	○	○	10
Martes americana	●	●	●	●	○	○			○	✪	○		9
Mustela erminea	●	●	○	●	○	●	○	○	○	✪	○	○	12
M. nivalis	○	●	○	●	○	●	○	●		○	○	●	11
M. vison	○	●	○	●	●	●	○	●	○	○	●	○	12
Ursus americanus	●	●	●	●	○				○	○			7
U. arctos	○	●	●	●	○	●	○	●	○	●	●	○	12
UNGULATES													
Alces alces	○	●	●	○	●	○	○	○	○	○	○	○	12
Rangifer tarandus	●	●	●	●	●	●	●	○		○	○	○	11
Bison bison			○										1
Oreamnos americanus			●						○				2
Ovibos moschatus							○	○					2
Ovis dalli	●	●	●	●	○	●				●			7

Table 3 *(continued)*

	Central Network			Arctic Network					Southwest Network				Number of Park Units
	YUCH	DENA	WRST	GAAR	KOVA	NOAT	CAKR	BELA	KEFJ	LACL	KATM	ANIA	
RODENTS													
Glaucomys sabrinus	○	●	○										3
Marmota broweri				●		○							2
M. caligata	●	●	●						○	○	✪	○	7
Spermophilus parryii	●	●	●	●	●	●	●	●		●	●	○	11
Tamiasciurus hudsonicus	●	●	●	●	●				○	●	●		8
Castor canadensis	○	●	○	●	○				○	○	○	○	9
Zapus hudsonius		✪	○							●	●	○	5
Clethrionomys rutilus	●	●	●	●	●	●	●	●	✪	●	●	○	12
Dicrostonyx groenlandicus				✪	✪	●	●	●			○	●	7
Lemmus trimucronatus	●	●	●	●	●	●	●	●		○	○	●	11
Microtus longicaudus	●		●										2
M. miurus		●	✪	●	✪	●	●	●	○	✪			9
M. oeconomus	●	●	●	●	●	●	●	●	✪	●	●	○	12
M. pennsylvanicus	●	●	●	✪						●	●		6
M. xanthognathus	●	●	○	●	●								5
Ondatra zibethicus	●	●	○	●	○	●	●	●	○	●	○		11
Synaptomys borealis	●	●	●	●					○	●	●		7
Erethizon dorsatum	✪	●	●	●	●	●	○	○	○	○	○	○	12
LAGOMORPHS													
Ochotona collaris	●	●	●							μ			4
Lepus americanus	●	●	●	●	○	●			○	●	●		9
L. othus								●			○	○	3
Number of Species	37	39	42	37	31	27	25	27	27	36	33	23	
% Vouchered	70%	97%	76%	95%	64%	78%	64%	67%	15%	64%	51%	13%	
Number of "Small Mammal" Species	23	25	26	22	19	16	16	16	13	22	21	14	
% Vouchered	87%	96%	77%	100%	79%	94%	81%	87%	31%	82%	62%	21%	
Inventory Additions	2	2	4	5	5	0	3	2	4	10	3	--	

Table 4. *Number of small mammals sampled in NPS Arctic Network, Alaska, 2000–2003.*

SPECIES	ARCN Park Unit					
	BELA	CAKR	GAAR	KOVA	NOAT	TOTALS
Shrews						
Sorex cinereus	77	86	41	80	11	295
S. hoyi	--	7	17	3	--	27
S. monticolus	2	34	111	18	--	165
S. tundrensis	8	7	28	3	6	52
S. ugyunak	1	3	23	11	2	40
S. yukonicus	4	2	1	3	--	10
Rodents						
Marmota broweri	--	--	3	--	--	3
Spermophilus parryii	32	7	12	1	14	66
Tamiasciurus hudsonicus	--	--	6	2	--	8
Clethrionomys rutilus	29	78	400	185	223	915
Dicrostonyx groenlandicus	3	2	4	1	1	11
Lemmus trimucronatus	2	2	34	2	12	52
Microtus miurus	3	34	466	30	96	629
M. oeconomus	22	50	516	53	117	758
M. pennsylvanicus	--	--	33	--	--	33
M. xanthognathus	--	--	80	82	--	162
Ondatra zibethicus	1	--	--	--	--	1
Synaptomys borealis	--	--	76	--	--	76
Erethizon dorsatum	--	--	2	--	1	3
TOTAL # SPECIMENS	184	312	1,853	474	483	3,306

Table 5. *Relative abundance (captures/100 trap nights) of small mammals in three major vegetation types, NPS Arctic Network (all five units), Alaska, 2000–2003.*

Species	Forest	Scrub	Herbaceous
Shrews			
Sorex cinereus	0.88	0.65	0.38
S. hoyi	0.19	0.04	0.06
S. monticolus	0.42	0.54	0.11
S. tundrensis	0.13	0.15	0.09
S. ugyunak	0.06	0.18	0.04
S. yukonicus	--	0.05	0.01
Rodents			
Clethrionomys rutilus	5.63	1.31	1.62
Microtus oeconomus	2.58	1.08	1.75
M. miurus	0.06	2.26	0.82
M. pennsylvanicus	0.22	--	0.13
M. xanthognathus	1.27	0.22	--
Lemmus trimucronatus	0.13	0.04	0.18
Dicrostonyx	--	0.01	0.03
Synaptomys borealis	0.38	0.08	0.14
Spermophilus parryii	--	0.07	0.33
Tamiasciurus	0.04	--	--
All Species	11.98	6.68	5.70
Trap Nights	7873	15,136	9775

FIGURES

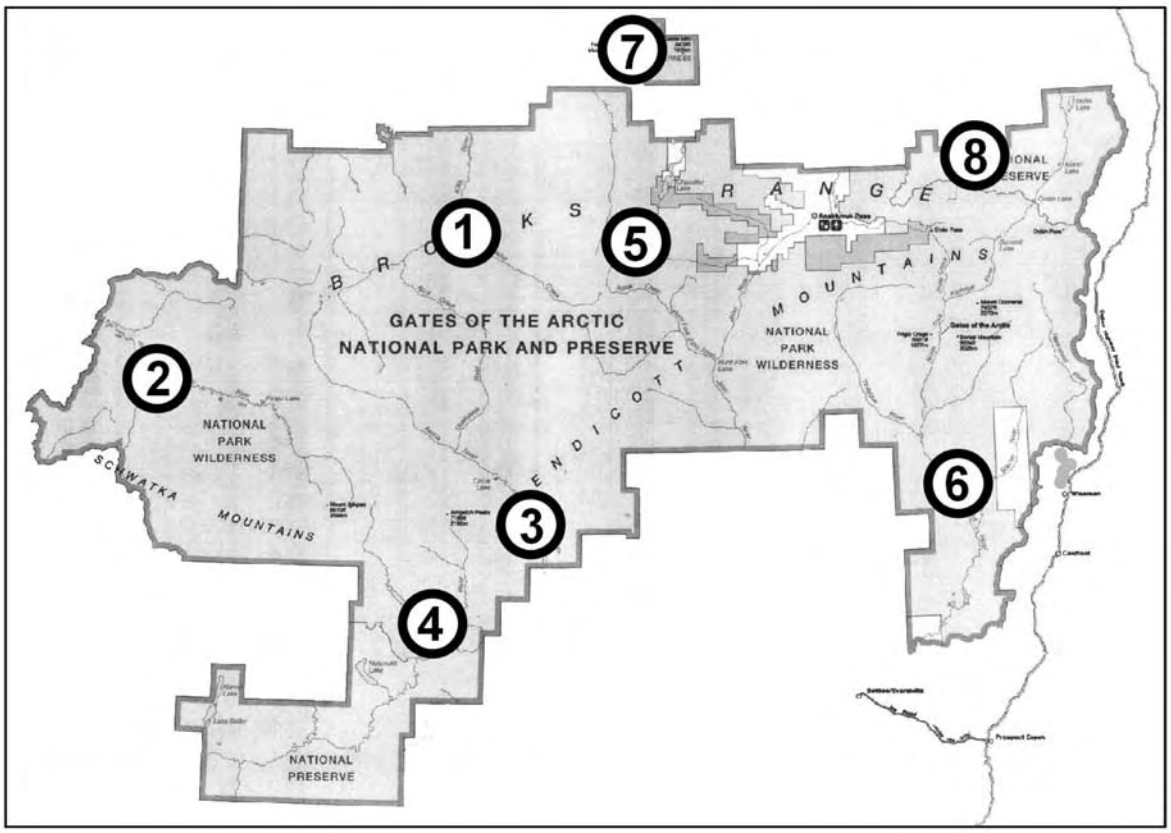

Figure 1. *General sampling localities in Gates of the Arctic National Park & Preserve: (1) Lake Tulilik, (2) Lake Isiak, (3) Takahula Lake, (4) Walker Lake, (5) Agiak Lake, (6) North Fork Koyukuk River, (7) Fortress Mountain, and (8) Nanushuk River. Locality details are outlined in Field Locations (page 3).*

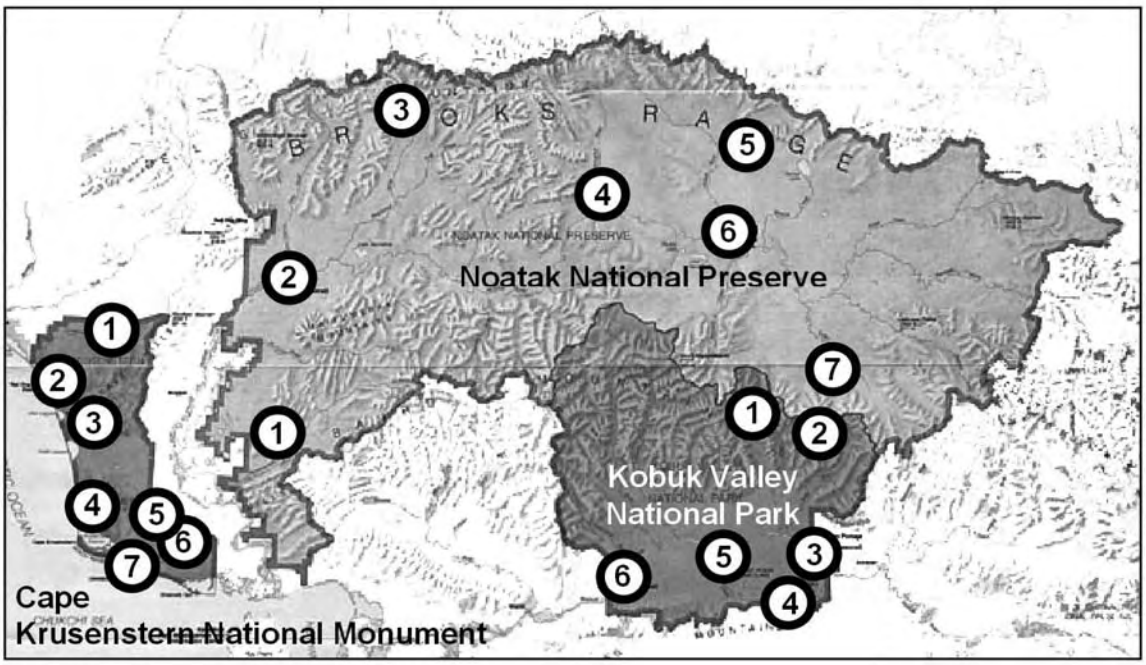

Figure 2. *General sampling localities in Cape Krusenstern National Monument: (1–2) Red Dog Road, (3) Rabbit Creek, (4) Kakagrak Hills, (5) Situkuyok River, (6) Igisukruk Mountain, and (7) Tukrok River; Kobuk Valley National Park: (1) Baird Mountains, Salmon River, (2) headwaters Akillik River, (3) Onion Portage, (4) Waring Mountains, (5) Kavet Creek, and (6) Kallarichuk River; Noatak National Preserve: (1) Asik Mountain, (2) Kelly River, (3) Copter Peak, (4) Aniralik Lake, (5) Desperation Lake, (6) Sidik Lake, and (7) Kaluich Creek. Locality details are outlined in Field Locations (page 3).*

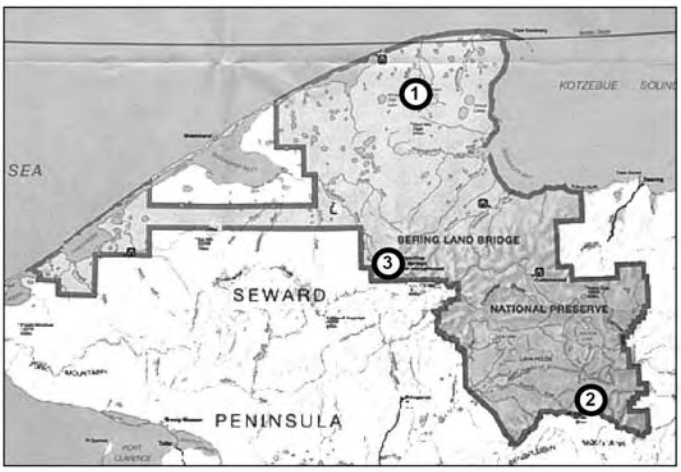

Figure 3. *General sampling localities in Bering Land Bridge National Preserve: (1) Devil Mountain Lakes, (2) Kuzitrin Lake, and (3) Serpentine Hot Springs. Locality details are outlined in Field Locations (page 3).*

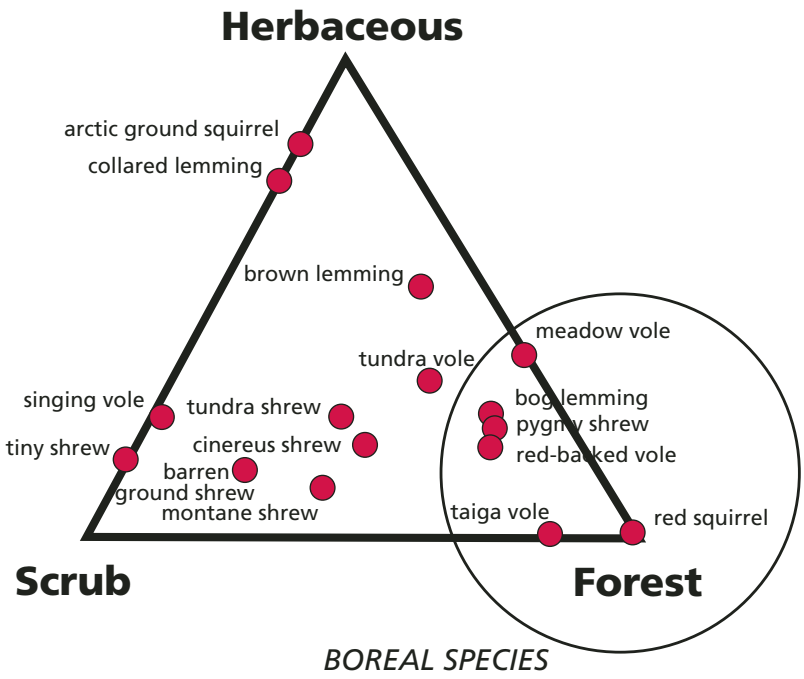

Figure 4. *Proportion (%) of small mammal relative abundance (captures/100 trap nights) in three major vegetation types, Arctic Network, NPS Alaska, 2000–03.*

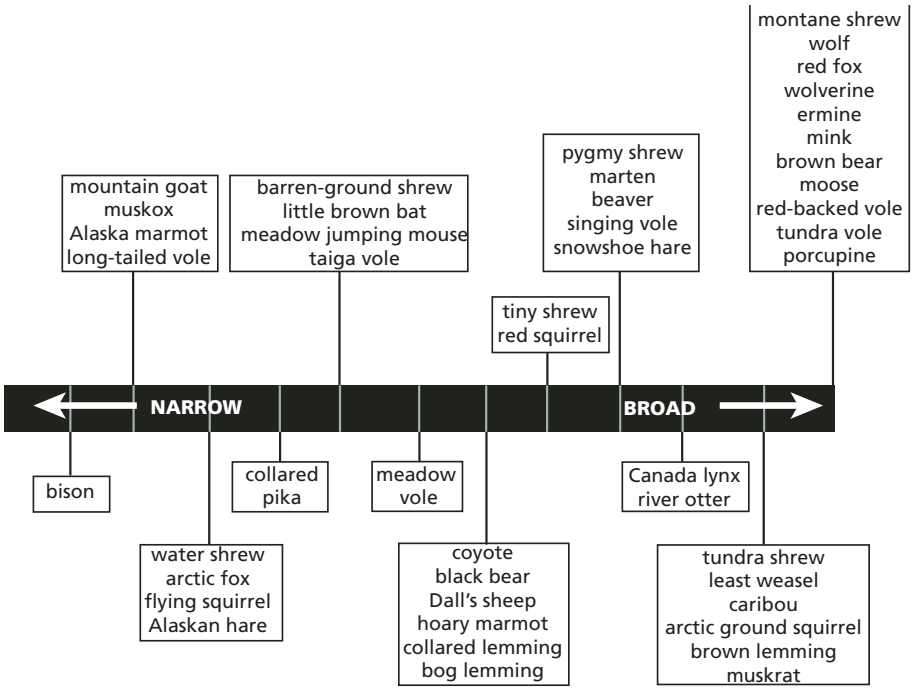

Figure 5. *Range of occurrence of mammal species across 12 of Alaska's national park units (Southeast Network excluded). For example, cinereus shrew and red-backed vole are broadly distributed, occurring in all park units, while long-tailed vole has a relatively narrow distribution, occurring in only 2 of 12 park units.*

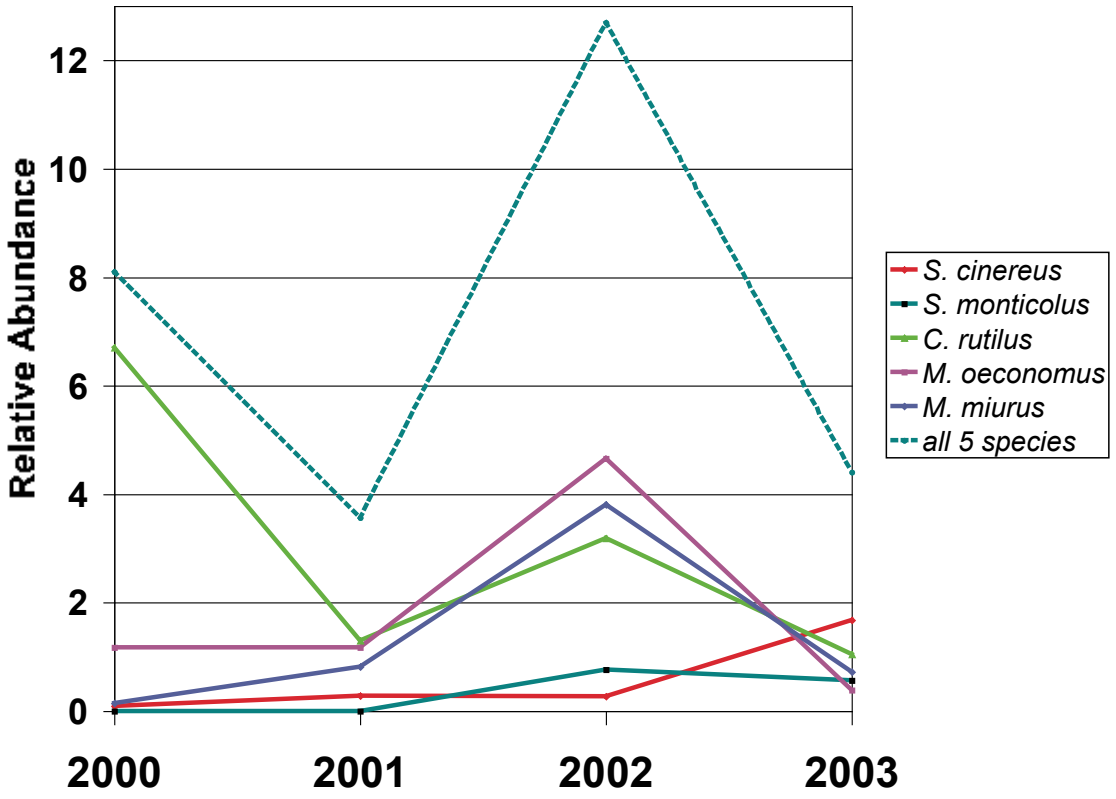

Figure 6. *Fluctuation in the relative abundances (captures/100 trap nights) of select small mammals in the NPS Arctic Network, Alaska, from field seasons 2000 through 2003.*

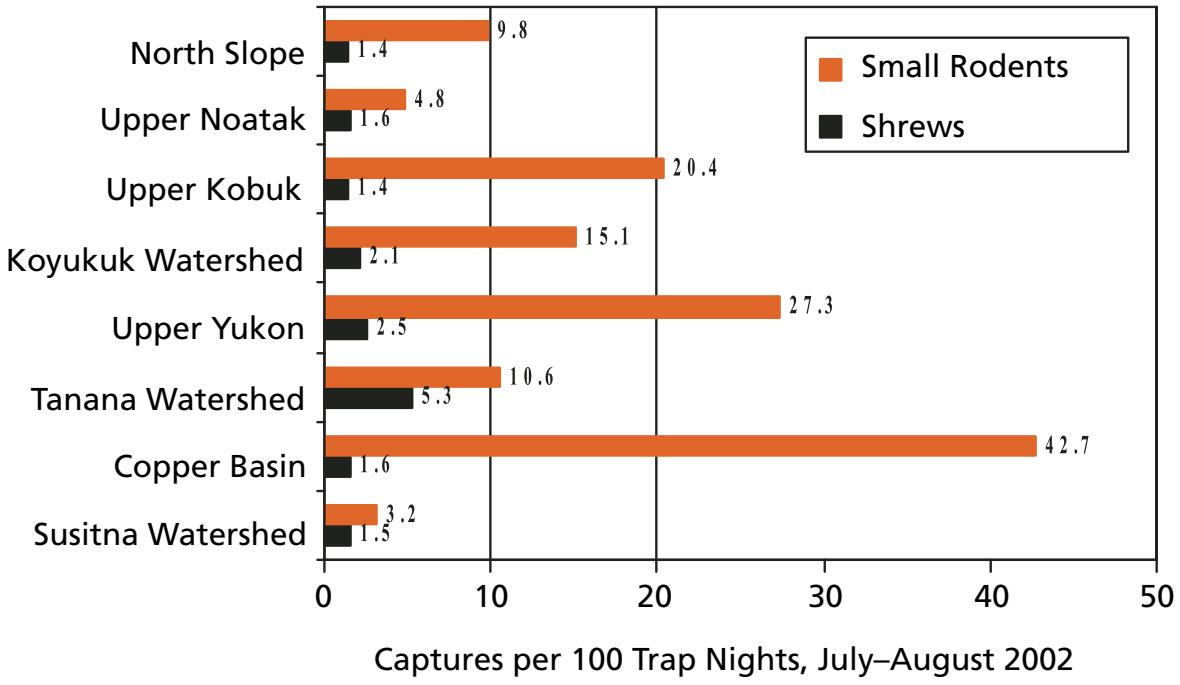

Figure 7. *Relative abundance of small mammals sampled on trapline transects in eight major watersheds in Alaska, July–August 2002.*

APPENDIX 1. SPECIMENS COLLECTED

- Table A1a: Bering Land Bridge National Preserve (page 55)
- Table A1b: Cape Krusenstern National Monument (page 72)
- Table A1c: Gates of the Arctic National Park and Preserve (page 86)
- Table A1d: Kobuk Valley National Park (page 157)
- Table A1e: Noatak National Preserve (page 173)

Table A1a. Mammal specimens in the University of Alaska Museum (UAM) from BCP/NPS inventories of the **Bering Land Bridge National Preserve**, Alaska, field seasons 2000–2003.

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56132	*Clethrionomys rutilus*	46263	AF No. = 46263	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56132	*Clethrionomys rutilus*	46263	AF No. = 46263	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56134	*Clethrionomys rutilus*	46270	AF No. = 46270	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56134	*Clethrionomys rutilus*	46270	AF No. = 46270	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56135	*Clethrionomys rutilus*	46278	AF No. = 46278	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
56135	*Clethrionomys rutilus*	46278	AF No. = 46278	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
56152	*Clethrionomys rutilus*	46279	AF No. = 46279	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
56152	*Clethrionomys rutilus*	46279	AF No. = 46279	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
55847	*Clethrionomys rutilus*	46287	AF No. = 46287	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	29-Jul-01
55847	*Clethrionomys rutilus*	46287	AF No. = 46287	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	29-Jul-01
55847	*Clethrionomys rutilus*	46287	AF No. = 46287	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	29-Jul-01
55848	*Clethrionomys rutilus*	46288	AF No. = 46288	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	29-Jul-01
55848	*Clethrionomys rutilus*	46288	AF No. = 46288	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	29-Jul-01
55848	*Clethrionomys rutilus*	46288	AF No. = 46288	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	29-Jul-01
55597	*Clethrionomys rutilus*	46339	AF No. = 46339	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55597	*Clethrionomys rutilus*	46339	AF No. = 46339	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55597	*Clethrionomys rutilus*	46339	AF No. = 46339	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55599	*Clethrionomys rutilus*	46341	AF No. = 46341	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55599	*Clethrionomys rutilus*	46341	AF No. = 46341	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55599	*Clethrionomys rutilus*	46341	AF No. = 46341	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55606	*Clethrionomys rutilus*	46348	AF No. = 46348	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55606	*Clethrionomys rutilus*	46348	AF No. = 46348	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55606	*Clethrionomys rutilus*	46348	AF No. = 46348	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55607	*Clethrionomys rutilus*	46349	AF No. = 46349	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55607	*Clethrionomys rutilus*	46349	AF No. = 46349	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55607	*Clethrionomys rutilus*	46349	AF No. = 46349	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55637	*Clethrionomys rutilus*	46379	AF No. = 46379	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55637	*Clethrionomys rutilus*	46379	AF No. = 46379	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55637	*Clethrionomys rutilus*	46379	AF No. = 46379	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55779	*Clethrionomys rutilus*	46382	AF No. = 46382	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55779	*Clethrionomys rutilus*	46382	AF No. = 46382	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55779	*Clethrionomys rutilus*	46382	AF No. = 46382	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55788	*Clethrionomys rutilus*	46391	AF No. = 46391	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55788	*Clethrionomys rutilus*	46391	AF No. = 46391	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55788	*Clethrionomys rutilus*	46391	AF No. = 46391	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55789	*Clethrionomys rutilus*	46392	AF No. = 46392	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55789	*Clethrionomys rutilus*	46392	AF No. = 46392	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55789	*Clethrionomys rutilus*	46392	AF No. = 46392	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55790	*Clethrionomys rutilus*	46393	AF No. = 46393	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55790	*Clethrionomys rutilus*	46393	AF No. = 46393	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55790	*Clethrionomys rutilus*	46393	AF No. = 46393	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55791	*Clethrionomys rutilus*	46394	AF No. = 46394	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55791	*Clethrionomys rutilus*	46394	AF No. = 46394	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55791	*Clethrionomys rutilus*	46394	AF No. = 46394	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55792	*Clethrionomys rutilus*	46395	AF No. = 46395	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55792	*Clethrionomys rutilus*	46395	AF No. = 46395	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55792	*Clethrionomys rutilus*	46395	AF No. = 46395	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55798	*Clethrionomys rutilus*	46401	AF No. = 46401	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55798	*Clethrionomys rutilus*	46401	AF No. = 46401	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55798	*Clethrionomys rutilus*	46401	AF No. = 46401	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55805	*Clethrionomys rutilus*	46408	AF No. = 46408	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55805	*Clethrionomys rutilus*	46408	AF No. = 46408	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55805	*Clethrionomys rutilus*	46408	AF No. = 46408	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55825	*Clethrionomys rutilus*	46428	AF No. = 46428	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55825	*Clethrionomys rutilus*	46428	AF No. = 46428	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55825	*Clethrionomys rutilus*	46428	AF No. = 46428	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55827	*Clethrionomys rutilus*	46430	AF No. = 46430	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55827	*Clethrionomys rutilus*	46430	AF No. = 46430	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55827	*Clethrionomys rutilus*	46430	AF No. = 46430	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55828	*Clethrionomys rutilus*	46431	AF No. = 46431	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55828	*Clethrionomys rutilus*	46431	AF No. = 46431	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55828	*Clethrionomys rutilus*	46431	AF No. = 46431	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55830	*Clethrionomys rutilus*	46433	AF No. = 46433	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55830	*Clethrionomys rutilus*	46433	AF No. = 46433	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55830	*Clethrionomys rutilus*	46433	AF No. = 46433	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55831	*Clethrionomys rutilus*	46434	AF No. = 46434	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55831	*Clethrionomys rutilus*	46434	AF No. = 46434	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55831	*Clethrionomys rutilus*	46434	AF No. = 46434	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55834	*Clethrionomys rutilus*	46437	AF No. = 46437	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55834	*Clethrionomys rutilus*	46437	AF No. = 46437	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55834	*Clethrionomys rutilus*	46437	AF No. = 46437	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55835	*Clethrionomys rutilus*	46438	AF No. = 46438	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55835	*Clethrionomys rutilus*	46438	AF No. = 46438	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55835	*Clethrionomys rutilus*	46438	AF No. = 46438	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55836	*Clethrionomys rutilus*	46439	AF No. = 46439	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55836	*Clethrionomys rutilus*	46439	AF No. = 46439	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55836	*Clethrionomys rutilus*	46439	AF No. = 46439	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55837	*Clethrionomys rutilus*	46440	AF No. = 46440	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55837	*Clethrionomys rutilus*	46440	AF No. = 46440	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55837	*Clethrionomys rutilus*	46440	AF No. = 46440	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55838	*Clethrionomys rutilus*	46441	AF No. = 46441	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55838	*Clethrionomys rutilus*	46441	AF No. = 46441	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55838	*Clethrionomys rutilus*	46441	AF No. = 46441	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55842	*Clethrionomys rutilus*	46445	AF No. = 46445	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55842	*Clethrionomys rutilus*	46445	AF No. = 46445	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55842	*Clethrionomys rutilus*	46445	AF No. = 46445	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
56149	*Dicrostonyx groenlandicus*	46264	AF No. = 46264	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
55601	*Dicrostonyx groenlandicus*	46343	AF No. = 46343	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55601	*Dicrostonyx groenlandicus*	46343	AF No. = 46343	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55601	*Dicrostonyx groenlandicus*	46343	AF No. = 46343	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55841	*Dicrostonyx groenlandicus*	46444	AF No. = 46444	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55841	*Dicrostonyx groenlandicus*	46444	AF No. = 46444	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55841	*Dicrostonyx groenlandicus*	46444	AF No. = 46444	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55562	*Lemmus trimucronatus*	46286	AF No. = 46286	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	28-Jul-01
55562	*Lemmus trimucronatus*	46286	AF No. = 46286	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	28-Jul-01
55562	*Lemmus trimucronatus*	46286	AF No. = 46286	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	28-Jul-01
55846	*Lemmus trimucronatus*	46298	AF No. = 46298	2001.40	65d 23.821m N	163d 17.34m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55846	*Lemmus trimucronatus*	46298	AF No. = 46298	2001.40	65d 23.821m N	163d 17.34m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55846	*Lemmus trimucronatus*	46298	AF No. = 46298	2001.40	65d 23.821m N	163d 17.34m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55845	*Lemmus trimucronatus*	46300	AF No. = 46300	2001.40	65d 23.821m N	163d 17.34m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55845	*Lemmus trimucronatus*	46300	AF No. = 46300	2001.40	65d 23.821m N	163d 17.34m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55845	*Lemmus trimucronatus*	46300	AF No. = 46300	2001.40	65d 23.821m N	163d 17.34m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55553	*Lepus americanus*	46297	AF No. = 46297	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55553	*Lepus americanus*	46297	AF No. = 46297	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55553	*Lepus americanus*	46297	AF No. = 46297	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
56120	*Microtus miurus*	46207	AF No. = 46207	2001.4	66d 22.97m N	164d 28.273m W	Noatak	BELA	unnamed pond at Devil Mtn. Lakes	26-Jul-01
56150	*Microtus miurus*	46265	AF No. = 46265	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56151	*Microtus miurus*	46268	AF No. = 46268	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56153	*Microtus miurus*	46280	AF No. = 46280	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
56154	*Microtus miurus*	46281	AF No. = 46281	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
56155	*Microtus miurus*	46282	AF No. = 46282	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
56156	*Microtus miurus*	46283	AF No. = 46283	2001.4	66d 23.232m N	164d 27.238m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
55561	*Microtus oeconomus*	46285	AF No. = 46285	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	28-Jul-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55561	*Microtus oeconomus*	46285	AF No. = 46285	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	28-Jul-01
55561	*Microtus oeconomus*	46285	AF No. = 46285	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	28-Jul-01
55843	*Microtus oeconomus*	46289	AF No. = 46289	2001.40	65d 23.329m N	163d 16.314m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55843	*Microtus oeconomus*	46289	AF No. = 46289	2001.40	65d 23.329m N	163d 16.314m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55843	*Microtus oeconomus*	46289	AF No. = 46289	2001.40	65d 23.329m N	163d 16.314m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55844	*Microtus oeconomus*	46290	AF No. = 46290	2001.40	65d 23.329m N	163d 16.314m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55844	*Microtus oeconomus*	46290	AF No. = 46290	2001.40	65d 23.329m N	163d 16.314m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55844	*Microtus oeconomus*	46290	AF No. = 46290	2001.40	65d 23.329m N	163d 16.314m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55563	*Microtus oeconomus*	46291	AF No. = 46291	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55563	*Microtus oeconomus*	46291	AF No. = 46291	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55563	*Microtus oeconomus*	46291	AF No. = 46291	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55564	*Microtus oeconomus*	46292	AF No. = 46292	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55564	*Microtus oeconomus*	46292	AF No. = 46292	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55564	*Microtus oeconomus*	46292	AF No. = 46292	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	29-Jul-01
55566	*Microtus oeconomus*	46296	AF No. = 46296	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55566	*Microtus oeconomus*	46296	AF No. = 46296	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55566	*Microtus oeconomus*	46296	AF No. = 46296	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55567	*Microtus oeconomus*	46307	AF No. = 46307	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55567	*Microtus oeconomus*	46307	AF No. = 46307	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55567	*Microtus oeconomus*	46307	AF No. = 46307	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55568	*Microtus oeconomus*	46308	AF No. = 46308	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55568	*Microtus oeconomus*	46308	AF No. = 46308	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55568	*Microtus oeconomus*	46308	AF No. = 46308	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55569	*Microtus oeconomus*	46309	AF No. = 46309	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	31-Jul-01
55569	*Microtus oeconomus*	46309	AF No. = 46309	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	31-Jul-01
55569	*Microtus oeconomus*	46309	AF No. = 46309	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	31-Jul-01
55849	*Microtus oeconomus*	46310	AF No. = 46310	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	31-Jul-01
55849	*Microtus oeconomus*	46310	AF No. = 46310	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	31-Jul-01
55849	*Microtus oeconomus*	46310	AF No. = 46310	2001.40	65d 23.362m N	163d 16.476m W	Bendeleben	BELA	0.5km W of Kuzitrin Lake outlet	31-Jul-01
55579	*Microtus oeconomus*	46321	AF No. = 46321	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55579	*Microtus oeconomus*	46321	AF No. = 46321	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55579	*Microtus oeconomus*	46321	AF No. = 46321	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55598	*Microtus oeconomus*	46340	AF No. = 46340	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55598	*Microtus oeconomus*	46340	AF No. = 46340	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55598	*Microtus oeconomus*	46340	AF No. = 46340	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55600	*Microtus oeconomus*	46342	AF No. = 46342	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55600	*Microtus oeconomus*	46342	AF No. = 46342	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55600	*Microtus oeconomus*	46342	AF No. = 46342	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55602	*Microtus oeconomus*	46344	AF No. = 46344	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55602	*Microtus oeconomus*	46344	AF No. = 46344	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55602	*Microtus oeconomus*	46344	AF No. = 46344	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55624	*Microtus oeconomus*	46366	AF No. = 46366	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55624	*Microtus oeconomus*	46366	AF No. = 46366	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55624	*Microtus oeconomus*	46366	AF No. = 46366	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55777	*Microtus oeconomus*	46380	AF No. = 46380	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55777	*Microtus oeconomus*	46380	AF No. = 46380	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55777	*Microtus oeconomus*	46380	AF No. = 46380	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55786	*Microtus oeconomus*	46389	AF No. = 46389	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55786	*Microtus oeconomus*	46389	AF No. = 46389	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55786	*Microtus oeconomus*	46389	AF No. = 46389	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55795	*Microtus oeconomus*	46398	AF No. = 46398	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55795	*Microtus oeconomus*	46398	AF No. = 46398	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55795	*Microtus oeconomus*	46398	AF No. = 46398	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55796	*Microtus oeconomus*	46399	AF No. = 46399	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55796	*Microtus oeconomus*	46399	AF No. = 46399	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55796	*Microtus oeconomus*	46399	AF No. = 46399	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55797	*Microtus oeconomus*	46400	AF No. = 46400	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55797	*Microtus oeconomus*	46400	AF No. = 46400	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55797	*Microtus oeconomus*	46400	AF No. = 46400	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55802	*Microtus oeconomus*	46405	AF No. = 46405	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55802	*Microtus oeconomus*	46405	AF No. = 46405	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55802	*Microtus oeconomus*	46405	AF No. = 46405	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55803	*Microtus oeconomus*	46406	AF No. = 46406	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55803	*Microtus oeconomus*	46406	AF No. = 46406	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55803	*Microtus oeconomus*	46406	AF No. = 46406	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55804	*Microtus oeconomus*	46407	AF No. = 46407	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55804	*Microtus oeconomus*	46407	AF No. = 46407	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55804	*Microtus oeconomus*	46407	AF No. = 46407	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55819	*Microtus oeconomus*	46422	AF No. = 46422	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55819	*Microtus oeconomus*	46422	AF No. = 46422	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55819	*Microtus oeconomus*	46422	AF No. = 46422	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55821	*Microtus oeconomus*	46424	AF No. = 46424	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55821	*Microtus oeconomus*	46424	AF No. = 46424	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55821	*Microtus oeconomus*	46424	AF No. = 46424	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55839	*Microtus oeconomus*	46442	AF No. = 46442	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55839	*Microtus oeconomus*	46442	AF No. = 46442	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55839	*Microtus oeconomus*	46442	AF No. = 46442	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
56113	*Ondatra zibethicus*	46248	AF No. = 46248	2001.4	66d 22.97m N	164d 28.273m W	Noatak	BELA	unnamed pond at Devil Mtn. Lakes	24-Jul-01
56128	*Sorex cinereus*	46249	AF No. = 46249	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56129	*Sorex cinereus*	46250	AF No. = 46250	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56131	*Sorex cinereus*	46261	AF No. = 46261	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56146	*Sorex cinereus*	46262	AF No. = 46262	2001.4	66d 22.868m N	164d 28.256m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56147	*Sorex cinereus*	46267	AF No. = 46267	2001.4	66d 22.868m N	164d 28.256m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56148	*Sorex cinereus*	46269	AF No. = 46269	2001.4	66d 22.868m N	164d 28.256m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
55570	*Sorex cinereus*	46312	AF No. = 46312	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55570	*Sorex cinereus*	46312	AF No. = 46312	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55570	*Sorex cinereus*	46312	AF No. = 46312	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55571	*Sorex cinereus*	46313	AF No. = 46313	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55571	*Sorex cinereus*	46313	AF No. = 46313	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55571	*Sorex cinereus*	46313	AF No. = 46313	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55572	*Sorex cinereus*	46314	AF No. = 46314	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55572	*Sorex cinereus*	46314	AF No. = 46314	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55572	*Sorex cinereus*	46314	AF No. = 46314	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55573	*Sorex cinereus*	46315	AF No. = 46315	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55573	*Sorex cinereus*	46315	AF No. = 46315	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55573	*Sorex cinereus*	46315	AF No. = 46315	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55574	*Sorex cinereus*	46316	AF No. = 46316	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55574	*Sorex cinereus*	46316	AF No. = 46316	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55574	*Sorex cinereus*	46316	AF No. = 46316	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55575	*Sorex cinereus*	46317	AF No. = 46317	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55575	*Sorex cinereus*	46317	AF No. = 46317	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55575	*Sorex cinereus*	46317	AF No. = 46317	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55576	*Sorex cinereus*	46318	AF No. = 46318	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55576	*Sorex cinereus*	46318	AF No. = 46318	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55576	*Sorex cinereus*	46318	AF No. = 46318	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55577	*Sorex cinereus*	46319	AF No. = 46319	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55577	*Sorex cinereus*	46319	AF No. = 46319	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55577	*Sorex cinereus*	46319	AF No. = 46319	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55578	*Sorex cinereus*	46320	AF No. = 46320	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55578	*Sorex cinereus*	46320	AF No. = 46320	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55578	*Sorex cinereus*	46320	AF No. = 46320	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55583	*Sorex cinereus*	46325	AF No. = 46325	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55583	*Sorex cinereus*	46325	AF No. = 46325	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55583	*Sorex cinereus*	46325	AF No. = 46325	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55584	*Sorex cinereus*	46326	AF No. = 46326	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55584	*Sorex cinereus*	46326	AF No. = 46326	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55584	*Sorex cinereus*	46326	AF No. = 46326	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55586	*Sorex cinereus*	46328	AF No. = 46328	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55586	*Sorex cinereus*	46328	AF No. = 46328	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55586	*Sorex cinereus*	46328	AF No. = 46328	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55587	*Sorex cinereus*	46329	AF No. = 46329	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55587	*Sorex cinereus*	46329	AF No. = 46329	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55587	*Sorex cinereus*	46329	AF No. = 46329	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55588	*Sorex cinereus*	46330	AF No. = 46330	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55588	*Sorex cinereus*	46330	AF No. = 46330	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55588	*Sorex cinereus*	46330	AF No. = 46330	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55589	*Sorex cinereus*	46331	AF No. = 46331	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55589	*Sorex cinereus*	46331	AF No. = 46331	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55589	*Sorex cinereus*	46331	AF No. = 46331	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55590	*Sorex cinereus*	46332	AF No. = 46332	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55590	*Sorex cinereus*	46332	AF No. = 46332	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55590	*Sorex cinereus*	46332	AF No. = 46332	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55591	*Sorex cinereus*	46333	AF No. = 46333	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55591	*Sorex cinereus*	46333	AF No. = 46333	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55591	*Sorex cinereus*	46333	AF No. = 46333	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55592	*Sorex cinereus*	46334	AF No. = 46334	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55592	*Sorex cinereus*	46334	AF No. = 46334	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55592	*Sorex cinereus*	46334	AF No. = 46334	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55593	*Sorex cinereus*	46335	AF No. = 46335	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55593	*Sorex cinereus*	46335	AF No. = 46335	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55593	*Sorex cinereus*	46335	AF No. = 46335	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55594	*Sorex cinereus*	46336	AF No. = 46336	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55594	*Sorex cinereus*	46336	AF No. = 46336	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55594	*Sorex cinereus*	46336	AF No. = 46336	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55595	*Sorex cinereus*	46337	AF No. = 46337	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55595	*Sorex cinereus*	46337	AF No. = 46337	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55595	*Sorex cinereus*	46337	AF No. = 46337	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55596	*Sorex cinereus*	46338	AF No. = 46338	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55596	*Sorex cinereus*	46338	AF No. = 46338	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55596	*Sorex cinereus*	46338	AF No. = 46338	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55603	*Sorex cinereus*	46345	AF No. = 46345	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55603	*Sorex cinereus*	46345	AF No. = 46345	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55603	*Sorex cinereus*	46345	AF No. = 46345	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55605	*Sorex cinereus*	46347	AF No. = 46347	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55605	*Sorex cinereus*	46347	AF No. = 46347	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55605	*Sorex cinereus*	46347	AF No. = 46347	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55609	*Sorex cinereus*	46351	AF No. = 46351	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55609	*Sorex cinereus*	46351	AF No. = 46351	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55609	*Sorex cinereus*	46351	AF No. = 46351	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55610	*Sorex cinereus*	46352	AF No. = 46352	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55610	*Sorex cinereus*	46352	AF No. = 46352	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55610	*Sorex cinereus*	46352	AF No. = 46352	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55611	*Sorex cinereus*	46353	AF No. = 46353	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55611	*Sorex cinereus*	46353	AF No. = 46353	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55611	*Sorex cinereus*	46353	AF No. = 46353	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55612	*Sorex cinereus*	46354	AF No. = 46354	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55612	*Sorex cinereus*	46354	AF No. = 46354	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55612	*Sorex cinereus*	46354	AF No. = 46354	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55613	*Sorex cinereus*	46355	AF No. = 46355	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55613	*Sorex cinereus*	46355	AF No. = 46355	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55613	*Sorex cinereus*	46355	AF No. = 46355	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55614	*Sorex cinereus*	46356	AF No. = 46356	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55614	*Sorex cinereus*	46356	AF No. = 46356	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55614	*Sorex cinereus*	46356	AF No. = 46356	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55616	*Sorex cinereus*	46358	AF No. = 46358	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55616	*Sorex cinereus*	46358	AF No. = 46358	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55616	*Sorex cinereus*	46358	AF No. = 46358	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55617	*Sorex cinereus*	46359	AF No. = 46359	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55617	*Sorex cinereus*	46359	AF No. = 46359	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55617	*Sorex cinereus*	46359	AF No. = 46359	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55618	*Sorex cinereus*	46360	AF No. = 46360	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55618	*Sorex cinereus*	46360	AF No. = 46360	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55618	*Sorex cinereus*	46360	AF No. = 46360	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55619	*Sorex cinereus*	46361	AF No. = 46361	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55619	*Sorex cinereus*	46361	AF No. = 46361	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55619	*Sorex cinereus*	46361	AF No. = 46361	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55620	*Sorex cinereus*	46362	AF No. = 46362	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55620	*Sorex cinereus*	46362	AF No. = 46362	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55620	*Sorex cinereus*	46362	AF No. = 46362	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55621	*Sorex cinereus*	46363	AF No. = 46363	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55621	*Sorex cinereus*	46363	AF No. = 46363	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55621	*Sorex cinereus*	46363	AF No. = 46363	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55622	*Sorex cinereus*	46364	AF No. = 46364	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55622	*Sorex cinereus*	46364	AF No. = 46364	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55622	*Sorex cinereus*	46364	AF No. = 46364	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55623	*Sorex cinereus*	46365	AF No. = 46365	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55623	*Sorex cinereus*	46365	AF No. = 46365	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55623	*Sorex cinereus*	46365	AF No. = 46365	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55625	*Sorex cinereus*	46367	AF No. = 46367	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55625	*Sorex cinereus*	46367	AF No. = 46367	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55625	*Sorex cinereus*	46367	AF No. = 46367	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55626	*Sorex cinereus*	46368	AF No. = 46368	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55626	*Sorex cinereus*	46368	AF No. = 46368	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55626	*Sorex cinereus*	46368	AF No. = 46368	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55628	*Sorex cinereus*	46370	AF No. = 46370	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55628	*Sorex cinereus*	46370	AF No. = 46370	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55628	*Sorex cinereus*	46370	AF No. = 46370	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55630	*Sorex cinereus*	46372	AF No. = 46372	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55630	*Sorex cinereus*	46372	AF No. = 46372	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55630	*Sorex cinereus*	46372	AF No. = 46372	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55631	*Sorex cinereus*	46373	AF No. = 46373	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55631	*Sorex cinereus*	46373	AF No. = 46373	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55631	*Sorex cinereus*	46373	AF No. = 46373	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55632	*Sorex cinereus*	46374	AF No. = 46374	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55632	*Sorex cinereus*	46374	AF No. = 46374	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55632	*Sorex cinereus*	46374	AF No. = 46374	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55633	*Sorex cinereus*	46375	AF No. = 46375	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55633	*Sorex cinereus*	46375	AF No. = 46375	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55633	*Sorex cinereus*	46375	AF No. = 46375	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55634	*Sorex cinereus*	46376	AF No. = 46376	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55634	*Sorex cinereus*	46376	AF No. = 46376	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55634	*Sorex cinereus*	46376	AF No. = 46376	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55635	*Sorex cinereus*	46377	AF No. = 46377	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55635	*Sorex cinereus*	46377	AF No. = 46377	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55635	*Sorex cinereus*	46377	AF No. = 46377	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55636	*Sorex cinereus*	46378	AF No. = 46378	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55636	*Sorex cinereus*	46378	AF No. = 46378	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55636	*Sorex cinereus*	46378	AF No. = 46378	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55778	*Sorex cinereus*	46381	AF No. = 46381	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55778	*Sorex cinereus*	46381	AF No. = 46381	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55778	*Sorex cinereus*	46381	AF No. = 46381	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55787	*Sorex cinereus*	46390	AF No. = 46390	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55787	*Sorex cinereus*	46390	AF No. = 46390	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55787	*Sorex cinereus*	46390	AF No. = 46390	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55793	*Sorex cinereus*	46396	AF No. = 46396	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55793	*Sorex cinereus*	46396	AF No. = 46396	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55793	*Sorex cinereus*	46396	AF No. = 46396	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55794	*Sorex cinereus*	46397	AF No. = 46397	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55794	*Sorex cinereus*	46397	AF No. = 46397	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55794	*Sorex cinereus*	46397	AF No. = 46397	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55799	*Sorex cinereus*	46402	AF No. = 46402	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55799	*Sorex cinereus*	46402	AF No. = 46402	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55799	*Sorex cinereus*	46402	AF No. = 46402	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55800	*Sorex cinereus*	46403	AF No. = 46403	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55800	*Sorex cinereus*	46403	AF No. = 46403	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55800	*Sorex cinereus*	46403	AF No. = 46403	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55801	*Sorex cinereus*	46404	AF No. = 46404	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55801	*Sorex cinereus*	46404	AF No. = 46404	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55801	*Sorex cinereus*	46404	AF No. = 46404	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55807	*Sorex cinereus*	46410	AF No. = 46410	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55807	*Sorex cinereus*	46410	AF No. = 46410	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55807	*Sorex cinereus*	46410	AF No. = 46410	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55809	*Sorex cinereus*	46412	AF No. = 46412	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55809	*Sorex cinereus*	46412	AF No. = 46412	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55809	*Sorex cinereus*	46412	AF No. = 46412	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55810	*Sorex cinereus*	46413	AF No. = 46413	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55810	*Sorex cinereus*	46413	AF No. = 46413	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55810	*Sorex cinereus*	46413	AF No. = 46413	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55811	*Sorex cinereus*	46414	AF No. = 46414	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55811	*Sorex cinereus*	46414	AF No. = 46414	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55811	*Sorex cinereus*	46414	AF No. = 46414	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55812	*Sorex cinereus*	46415	AF No. = 46415	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55812	*Sorex cinereus*	46415	AF No. = 46415	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55812	*Sorex cinereus*	46415	AF No. = 46415	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55813	*Sorex cinereus*	46416	AF No. = 46416	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55813	*Sorex cinereus*	46416	AF No. = 46416	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55813	*Sorex cinereus*	46416	AF No. = 46416	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55814	*Sorex cinereus*	46417	AF No. = 46417	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55814	*Sorex cinereus*	46417	AF No. = 46417	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55814	*Sorex cinereus*	46417	AF No. = 46417	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55815	*Sorex cinereus*	46418	AF No. = 46418	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55815	*Sorex cinereus*	46418	AF No. = 46418	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55815	*Sorex cinereus*	46418	AF No. = 46418	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55816	*Sorex cinereus*	46419	AF No. = 46419	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55816	*Sorex cinereus*	46419	AF No. = 46419	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55816	*Sorex cinereus*	46419	AF No. = 46419	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55817	*Sorex cinereus*	46420	AF No. = 46420	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55817	*Sorex cinereus*	46420	AF No. = 46420	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55817	*Sorex cinereus*	46420	AF No. = 46420	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55818	*Sorex cinereus*	46421	AF No. =	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55818	*Sorex cinereus*	46421	AF No. = 46421	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55818	*Sorex cinereus*	46421	AF No. = 46421	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55820	*Sorex cinereus*	46423	AF No. = 46423	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55820	*Sorex cinereus*	46423	AF No. = 46423	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55820	*Sorex cinereus*	46423	AF No. = 46423	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55822	*Sorex cinereus*	46425	AF No. = 46425	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55822	*Sorex cinereus*	46425	AF No. = 46425	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55822	*Sorex cinereus*	46425	AF No. = 46425	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55823	*Sorex cinereus*	46426	AF No. = 46426	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55823	*Sorex cinereus*	46426	AF No. = 46426	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55823	*Sorex cinereus*	46426	AF No. = 46426	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55826	*Sorex cinereus*	46429	AF No. = 46429	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55826	*Sorex cinereus*	46429	AF No. = 46429	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55826	*Sorex cinereus*	46429	AF No. = 46429	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55829	*Sorex cinereus*	46432	AF No. = 46432	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55829	*Sorex cinereus*	46432	AF No. = 46432	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55829	*Sorex cinereus*	46432	AF No. = 46432	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55832	*Sorex cinereus*	46435	AF No. = 46435	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55832	*Sorex cinereus*	46435	AF No. = 46435	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55832	*Sorex cinereus*	46435	AF No. = 46435	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55833	*Sorex cinereus*	46436	AF No. = 46436	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55833	*Sorex cinereus*	46436	AF No. = 46436	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55833	*Sorex cinereus*	46436	AF No. = 46436	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55840	*Sorex cinereus*	46443	AF No. = 46443	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55840	*Sorex cinereus*	46443	AF No. = 46443	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55840	*Sorex cinereus*	46443	AF No. = 46443	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	11-Aug-01
55604	*Sorex monticolus*	46346	AF No. = 46346	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55604	*Sorex monticolus*	46346	AF No. = 46346	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55604	*Sorex monticolus*	46346	AF No. = 46346	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	6-Aug-01
55608	*Sorex tundrensis*	46350	AF No. = 46350	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55608	*Sorex tundrensis*	46350	AF No. = 46350	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55608	*Sorex tundrensis*	46350	AF No. = 46350	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55615	*Sorex tundrensis*	46357	AF No. = 46357	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55615	*Sorex tundrensis*	46357	AF No. = 46357	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55615	*Sorex tundrensis*	46357	AF No. = 46357	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	7-Aug-01
55627	*Sorex tundrensis*	46369	AF No. = 46369	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55627	*Sorex tundrensis*	46369	AF No. = 46369	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55627	*Sorex tundrensis*	46369	AF No. = 46369	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55629	*Sorex tundrensis*	46371	AF No. = 46371	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55629	*Sorex tundrensis*	46371	AF No. = 46371	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55780	*Sorex tundrensis*	46383	AF No. = 46383	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55780	*Sorex tundrensis*	46383	AF No. = 46383	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55784	*Sorex tundrensis*	46387	AF No. = 46387	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55784	*Sorex tundrensis*	46387	AF No. = 46387	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55785	*Sorex tundrensis*	46388	AF No. = 46388	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55785	*Sorex tundrensis*	46388	AF No. = 46388	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	9-Aug-01
55808	*Sorex tundrensis*	46411	AF No. = 46411	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55808	*Sorex tundrensis*	46411	AF No. = 46411	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55565	*Sorex ugyunak*	46295	AF No. = 46295	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55565	*Sorex ugyunak*	46295	AF No. = 46295	2001.40	65d 23.363m N	163d 15.868m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
56130	*Sorex yukonicus*	46251	AF No. = 46251	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56133	*Sorex yukonicus*	46266	AF No. = 46266	2001.4	66d 23.283m N	164d 29.056m W	Noatak	BELA	Devil Mtn. Lakes	26-Jul-01
56157	*Sorex yukonicus*	46277	AF No. = 46277	2001.4	66d 23.204m N	164d 28.973m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
55806	*Sorex yukonicus*	46409	AF No. = 46409	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55806	*Sorex yukonicus*	46409	AF No. = 46409	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
56136	*Spermophilus parryii*	46252	AF No. = 46252	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56137	*Spermophilus parryii*	46253	AF No. = 46253	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56138	*Spermophilus parryii*	46254	AF No. = 46254	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56139	*Spermophilus parryii*	46255	AF No. = 46255	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56140	*Spermophilus parryii*	46256	AF No. = 46256	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56141	*Spermophilus parryii*	46257	AF No. = 46257	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56142	*Spermophilus parryii*	46258	AF No. = 46258	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56143	*Spermophilus parryii*	46259	AF No. = 46259	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56144	*Spermophilus parryii*	46260	AF No. = 46260	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	25-Jul-01
56114	*Spermophilus parryii*	46271	AF No. = 46271	2001.4	66d 22.97m N	164d 28.273m W	Noatak	BELA	unnamed pond at Devil Mtn. Lakes	26-Jul-01
56115	*Spermophilus parryii*	46272	AF No. = 46272	2001.4	66d 22.97m N	164d 28.273m W	Noatak	BELA	unnamed pond at Devil Mtn. Lakes	26-Jul-01
56116	*Spermophilus parryii*	46273	AF No. = 46273	2001.4	66d 22.97m N	164d 28.273m W	Noatak	BELA	unnamed pond at Devil Mtn. Lakes	26-Jul-01
56117	*Spermophilus parryii*	46274	AF No. = 46274	2001.4	66d 22.97m N	164d 28.273m W	Noatak	BELA	unnamed pond at Devil Mtn. Lakes	26-Jul-01
56118	*Spermophilus parryii*	46275	AF No. = 46275	2001.4	66d 22.97m N	164d 28.273m W	Noatak	BELA	unnamed pond at Devil Mtn. Lakes	26-Jul-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56145	*Spermophilus parryii*	46284	AF No. = 46284	2001.4	66d 23.114m N	164d 29.16m W	Noatak	BELA	Devil Mtn. Lakes	27-Jul-01
55552	*Spermophilus parryii*	46293	AF No. = 46293	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55552	*Spermophilus parryii*	46293	AF No. = 46293	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55551	*Spermophilus parryii*	46294	AF No. = 46294	2001.40	65d 21.808m N	163d 15.003m W	Bendeleben	BELA	Mount Boyan	29-Jul-01
55551	*Spermophilus parryii*	46294	AF No. = 46294	2001.40	65d 21.808m N	163d 15.003m W	Bendeleben	BELA	Mount Boyan	29-Jul-01
55554	*Spermophilus parryii*	46299	AF No. = 46299	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55554	*Spermophilus parryii*	46299	AF No. = 46299	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55555	*Spermophilus parryii*	46301	AF No. = 46301	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55555	*Spermophilus parryii*	46301	AF No. = 46301	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55556	*Spermophilus parryii*	46302	AF No. = 46302	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55556	*Spermophilus parryii*	46302	AF No. = 46302	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55557	*Spermophilus parryii*	46303	AF No. = 46303	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55557	*Spermophilus parryii*	46303	AF No. = 46303	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55558	*Spermophilus parryii*	46304	AF No. = 46304	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55558	*Spermophilus parryii*	46304	AF No. = 46304	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55559	*Spermophilus parryii*	46305	AF No. = 46305	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55559	*Spermophilus parryii*	46305	AF No. = 46305	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55560	*Spermophilus parryii*	46306	AF No. = 46306	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55560	*Spermophilus parryii*	46306	AF No. = 46306	2001.40	65d 23m N	163d 14m W	Bendeleben	BELA	Kuzitrin Lake	30-Jul-01
55550	*Spermophilus parryii*	46311	AF No. = 46311	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	4-Aug-01
55550	*Spermophilus parryii*	46311	AF No. = 46311	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	4-Aug-01
55580	*Spermophilus parryii*	46322	AF No. = 46322	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55580	*Spermophilus parryii*	46322	AF No. = 46322	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55581	*Spermophilus parryii*	46323	AF No. = 46323	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55581	*Spermophilus parryii*	46323	AF No. = 46323	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55582	*Spermophilus parryii*	46324	AF No. = 46324	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55582	*Spermophilus parryii*	46324	AF No. = 46324	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55585	*Spermophilus parryii*	46327	AF No. = 46327	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55585	*Spermophilus parryii*	46327	AF No. = 46327	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	5-Aug-01
55781	*Spermophilus parryii*	46384	AF No. = 46384	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55781	*Spermophilus parryii*	46384	AF No. = 46384	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55782	*Spermophilus parryii*	46385	AF No. = 46385	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01

Table A1a (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55782	*Spermophilus parryii*	46385	AF No. = 46385	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55783	*Spermophilus parryii*	46386	AF No. = 46386	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55783	*Spermophilus parryii*	46386	AF No. = 46386	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	8-Aug-01
55824	*Spermophilus parryii*	46427	AF No. = 46427	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01
55824	*Spermophilus parryii*	46427	AF No. = 46427	2001.40	65d 51.152m N	164d 41.756m W	Bendeleben	BELA	Serpentine Hot Springs	10-Aug-01

Table A1b. Mammal specimens in the University of Alaska Museum (UAM) from BCP/NPS inventories of the **Cape Krusenstern National Monument**, Alaska, field seasons 2000–2003.

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55109	*Clethrionomys rutilus*	36939	AF No. = 36939	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55110	*Clethrionomys rutilus*	36940	AF No. = 36940	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55111	*Clethrionomys rutilus*	36941	AF No. = 36941	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55115	*Clethrionomys rutilus*	36945	AF No. = 36945	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55118	*Clethrionomys rutilus*	36948	AF No. = 36948	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55119	*Clethrionomys rutilus*	36949	AF No. = 36949	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55120	*Clethrionomys rutilus*	36950	AF No. = 36950	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55153	*Clethrionomys rutilus*	36973	AF No. = 36973	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55154	*Clethrionomys rutilus*	36974	AF No. = 36974	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55155	*Clethrionomys rutilus*	36975	AF No. = 36975	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55156	*Clethrionomys rutilus*	36976	AF No. = 36976	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55157	*Clethrionomys rutilus*	36977	AF No. = 36977	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55158	*Clethrionomys rutilus*	36978	AF No. = 36978	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55161	*Clethrionomys rutilus*	36981	AF No. = 36981	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55162	*Clethrionomys rutilus*	36982	AF No. = 36982	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55167	*Clethrionomys rutilus*	36987	AF No. = 36987	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55168	*Clethrionomys rutilus*	36988	AF No. = 36988	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55169	*Clethrionomys rutilus*	36989	AF No. = 36989	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55170	*Clethrionomys rutilus*	36990	AF No. = 36990	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55171	*Clethrionomys rutilus*	36991	AF No. = 36991	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55172	*Clethrionomys rutilus*	36992	AF No. = 36992	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55180	*Clethrionomys rutilus*	37000	AF No. = 37000	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
56112	*Clethrionomys rutilus*	46205	AF No. = 46205	2001.4	67d 12.268m N	163d 9.351m W	Noatak	CAKR	unnamed stream E of Situkuyok River	12-Jul-01
55970	*Clethrionomys rutilus*	46212	AF No. = 46212	2001.4	67d 12.273m N	163d 10.493m W	Noatak	CAKR	base of Kaksurok Mtn., W of Situkuyok River	13-Jul-01
56125	*Clethrionomys rutilus*	46213	AF No. = 46213	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	13-Jul-01
56126	*Clethrionomys rutilus*	46214	AF No. = 46214	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	13-Jul-01
55855	*Clethrionomys rutilus*	46222	AF No. = 46222	2001.4	67d 30.907m N	163d 35.403m W	Noatak	CAKR	W bank Rabbit Creek	16-Jul-01

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55961	*Clethrionomys rutilus*	46242	AF No. = 46242	2001.4	67d 37.594m N	163d 51.27m W	Noatak	CAKR	7 mile Red Dog Mine Road	21-Jul-01
55963	*Clethrionomys rutilus*	46245	AF No. = 46245	2001.4	67d 44.967m N	163d 36.558m W	Noatak	CAKR	Red Dog Mine Road	21-Jul-01
94319	*Clethrionomys rutilus*		IF (Idaho) = 10508	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94357	*Clethrionomys rutilus*		IF (Idaho) = 10546	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
94371	*Clethrionomys rutilus*		IF (Idaho) = 10560	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94372	*Clethrionomys rutilus*		IF (Idaho) = 10561	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94373	*Clethrionomys rutilus*		IF (Idaho) = 10562	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94381	*Clethrionomys rutilus*		IF (Idaho) = 10570	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94391	*Clethrionomys rutilus*		IF (Idaho) = 10580	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94392	*Clethrionomys rutilus*		IF (Idaho) = 10581	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94393	*Clethrionomys rutilus*		IF (Idaho) = 10582	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94407	*Clethrionomys rutilus*		IF (Idaho) = 10596	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94408	*Clethrionomys rutilus*		IF (Idaho) = 10597	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94414	*Clethrionomys rutilus*		IF (Idaho) = 10603	2003.39	67d 8m 14.8s N	162d 53m 41.8s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94415	*Clethrionomys rutilus*		IF (Idaho) = 10604	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94416	*Clethrionomys rutilus*		IF (Idaho) = 10605	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94417	*Clethrionomys rutilus*		IF (Idaho) = 10606	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94418	*Clethrionomys rutilus*		IF (Idaho) = 10607	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94419	*Clethrionomys rutilus*		IF (Idaho) = 10608	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94420	*Clethrionomys rutilus*		IF (Idaho) = 10609	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94421	*Clethrionomys rutilus*		IF (Idaho) = 10610	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94442	*Clethrionomys rutilus*		IF (Idaho) = 10629	2003.39	67d 8m 11.5s N	162d 53m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94441	*Clethrionomys rutilus*		IF (Idaho) = 10630	2003.39	67d 8m 15.5s N	162d 53m 42s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94445	*Clethrionomys rutilus*		IF (Idaho) = 10633	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94456	*Clethrionomys rutilus*		IF (Idaho) = 10644	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94457	*Clethrionomys rutilus*		IF (Idaho) = 10645	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94458	*Clethrionomys rutilus*		IF (Idaho) = 10646	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94459	*Clethrionomys rutilus*		IF (Idaho) = 10647	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94460	*Clethrionomys rutilus*		IF (Idaho) = 10648	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94310	*Clethrionomys rutilus*		IF (Idaho) = 10665	2003.39	67d 8m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94483	*Clethrionomys rutilus*		IF (Idaho) = 10672	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94484	*Clethrionomys rutilus*		IF (Idaho) = 10673	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
94485	*Clethrionomys rutilus*		IF (Idaho) = 10674	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94486	*Clethrionomys rutilus*		IF (Idaho) = 10675	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94487	*Clethrionomys rutilus*		IF (Idaho) = 10676	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94488	*Clethrionomys rutilus*		IF (Idaho) = 10677	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94489	*Clethrionomys rutilus*		IF (Idaho) = 10678	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94490	*Clethrionomys rutilus*		IF (Idaho) = 10679	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94491	*Clethrionomys rutilus*		IF (Idaho) = 10680	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94492	*Clethrionomys rutilus*		IF (Idaho) = 10681	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94493	*Clethrionomys rutilus*		IF (Idaho) = 10682	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94494	*Clethrionomys rutilus*		IF (Idaho) = 10683	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94504	*Clethrionomys rutilus*		IF (Idaho) = 10693	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94515	*Clethrionomys rutilus*		IF (Idaho) = 10704	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94517	*Clethrionomys rutilus*		IF (Idaho) = 10706	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94518	*Clethrionomys rutilus*		IF (Idaho) = 10707	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94524	*Clethrionomys rutilus*		IF (Idaho) = 10713	2003.39	67d 8m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94526	*Clethrionomys rutilus*		IF (Idaho) = 10715	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94527	*Clethrionomys rutilus*		IF (Idaho) = 10716	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
55109	*Clethrionomys rutilus*	36939	AF No. = 36939	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55110	*Clethrionomys rutilus*	36940	AF No. = 36940	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55111	*Clethrionomys rutilus*	36941	AF No. = 36941	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55115	*Clethrionomys rutilus*	36945	AF No. = 36945	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55118	*Clethrionomys rutilus*	36948	AF No. = 36948	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55119	*Clethrionomys rutilus*	36949	AF No. = 36949	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55120	*Clethrionomys rutilus*	36950	AF No. = 36950	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55153	*Clethrionomys rutilus*	36973	AF No. = 36973	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55154	*Clethrionomys rutilus*	36974	AF No. = 36974	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55155	*Clethrionomys rutilus*	36975	AF No. = 36975	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55156	*Clethrionomys rutilus*	36976	AF No. = 36976	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55157	*Clethrionomys rutilus*	36977	AF No. = 36977	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55158	*Clethrionomys rutilus*	36978	AF No. = 36978	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55161	*Clethrionomys rutilus*	36981	AF No. = 36981	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55162	*Clethrionomys rutilus*	36982	AF No. = 36982	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55167	*Clethrionomys rutilus*	36987	AF No. = 36987	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55168	*Clethrionomys rutilus*	36988	AF No. = 36988	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55169	*Clethrionomys rutilus*	36989	AF No. = 36989	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55170	*Clethrionomys rutilus*	36990	AF No. = 36990	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55171	*Clethrionomys rutilus*	36991	AF No. = 36991	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55172	*Clethrionomys rutilus*	36992	AF No. = 36992	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55180	*Clethrionomys rutilus*	37000	AF No. = 37000	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
56112	*Clethrionomys rutilus*	46205	AF No. = 46205	2001.4	67d 12.268m N	163d 9.351m W	Noatak	CAKR	unnamed stream E of Situkuyok River	12-Jul-01
55970	*Clethrionomys rutilus*	46212	AF No. = 46212	2001.4	67d 12.273m N	163d 10.493m W	Noatak	CAKR	base of Kaksurok Mtn., W of Situkuyok River	13-Jul-01
56125	*Clethrionomys rutilus*	46213	AF No. = 46213	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	13-Jul-01
56126	*Clethrionomys rutilus*	46214	AF No. = 46214	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	13-Jul-01
55855	*Clethrionomys rutilus*	46222	AF No. = 46222	2001.4	67d 30.907m N	163d 35.403m W	Noatak	CAKR	W bank Rabbit Creek	16-Jul-01
55961	*Clethrionomys rutilus*	46242	AF No. = 46242	2001.4	67d 37.594m N	163d 51.27m W	Noatak	CAKR	7 mile Red Dog Mine Road	21-Jul-01
55963	*Clethrionomys rutilus*	46245	AF No. = 46245	2001.4	67d 44.967m N	163d 36.558m W	Noatak	CAKR	Red Dog Mine Road	21-Jul-01
94319	*Clethrionomys rutilus*		IF (Idaho) = 10508	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94357	*Clethrionomys rutilus*		IF (Idaho) = 10546	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
94371	*Clethrionomys rutilus*		IF (Idaho) = 10560	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94372	*Clethrionomys rutilus*		IF (Idaho) = 10561	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94373	*Clethrionomys rutilus*		IF (Idaho) = 10562	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94381	*Clethrionomys rutilus*		IF (Idaho) = 10570	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94391	*Clethrionomys rutilus*		IF (Idaho) = 10580	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94392	*Clethrionomys rutilus*		IF (Idaho) = 10581	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94393	*Clethrionomys rutilus*		IF (Idaho) = 10582	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94407	*Clethrionomys rutilus*		IF (Idaho) = 10596	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94408	*Clethrionomys rutilus*		IF (Idaho) = 10597	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94414	*Clethrionomys rutilus*		IF (Idaho) = 10603	2003.39	67d 8m 14.8s N	162d 53m 41.8s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94415	*Clethrionomys rutilus*		IF (Idaho) = 10604	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94416	*Clethrionomys rutilus*		IF (Idaho) = 10605	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94417	*Clethrionomys rutilus*		IF (Idaho) = 10606	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94418	*Clethrionomys rutilus*		IF (Idaho) = 10607	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
94419	*Clethrionomys rutilus*		IF (Idaho) = 10608	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94420	*Clethrionomys rutilus*		IF (Idaho) = 10609	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94421	*Clethrionomys rutilus*		IF (Idaho) = 10610	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94442	*Clethrionomys rutilus*		IF (Idaho) = 10629	2003.39	67d 8m 11.5s N	162d 53m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94441	*Clethrionomys rutilus*		IF (Idaho) = 10630	2003.39	67d 8m 15.5s N	162d 53m 42s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94445	*Clethrionomys rutilus*		IF (Idaho) = 10633	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94456	*Clethrionomys rutilus*		IF (Idaho) = 10644	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94457	*Clethrionomys rutilus*		IF (Idaho) = 10645	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94458	*Clethrionomys rutilus*		IF (Idaho) = 10646	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94459	*Clethrionomys rutilus*		IF (Idaho) = 10647	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94460	*Clethrionomys rutilus*		IF (Idaho) = 10648	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94310	*Clethrionomys rutilus*		IF (Idaho) = 10665	2003.39	67d 8m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94483	*Clethrionomys rutilus*		IF (Idaho) = 10672	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94484	*Clethrionomys rutilus*		IF (Idaho) = 10673	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94485	*Clethrionomys rutilus*		IF (Idaho) = 10674	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94486	*Clethrionomys rutilus*		IF (Idaho) = 10675	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94487	*Clethrionomys rutilus*		IF (Idaho) = 10676	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94488	*Clethrionomys rutilus*		IF (Idaho) = 10677	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94489	*Clethrionomys rutilus*		IF (Idaho) = 10678	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94490	*Clethrionomys rutilus*		IF (Idaho) = 10679	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94491	*Clethrionomys rutilus*		IF (Idaho) = 10680	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
55969	*Dicrostonyx groenlandicus*	46204	AF No. = 46204	2001.4	67d 44.967m N	163d 36.558m W	Noatak	CAKR	Kaksurok Mt.	21-Jul-01
55958	*Dicrostonyx groenlandicus*	46241	AF No. = 46241	2001.4	67d 44m 0s N	163d 36m 0s W	Noatak	CAKR	Red Dog Mine Road	20-Jul-01
55964	*Lemmus trimucronatus*	46246	AF No. = 46246	2001.4	67d 44.967m N	163d 36.558m W	Noatak	CAKR	Red Dog Mine Road	21-Jul-01
55965	*Lemmus trimucronatus*	46247	AF No. = 46247	2001.4	67d 44.967m N	163d 36.558m W	Noatak	CAKR	Red Dog Mine Road	21-Jul-01
56119	*Microtus miurus*	46206	AF No. = 46206	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	12-Jul-01
56127	*Microtus miurus*	46215	AF No. = 46215	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	14-Jul-01
94311	*Microtus miurus*		IF (Idaho) = 10500	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94312	*Microtus miurus*		IF (Idaho) = 10501	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94313	*Microtus miurus*		IF (Idaho) = 10502	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94314	*Microtus miurus*		IF (Idaho) = 10503	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
94315	*Microtus miurus*		IF (Idaho) = 10504	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94316	*Microtus miurus*		IF (Idaho) = 10505	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94317	*Microtus miurus*		IF (Idaho) = 10506	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94318	*Microtus miurus*		IF (Idaho) = 10507	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94320	*Microtus miurus*		IF (Idaho) = 10509	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94321	*Microtus miurus*		IF (Idaho) = 10510	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94322	*Microtus miurus*		IF (Idaho) = 10511	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94324	*Microtus miurus*		IF (Idaho) = 10513	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94325	*Microtus miurus*		IF (Idaho) = 10514	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94326	*Microtus miurus*		IF (Idaho) = 10515	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94338	*Microtus miurus*		IF (Idaho) = 10527	2003.39	67d 16m 47.7s N	163d 37m 51.9s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94339	*Microtus miurus*		IF (Idaho) = 10528	2003.39	67d 16m 47.7s N	163d 37m 51.9s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94341	*Microtus miurus*		IF (Idaho) = 10530	2003.39	67d 16m 47.7s N	163d 37m 51.9s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94342	*Microtus miurus*		IF (Idaho) = 10531	2003.39	67d 16m 47.7s N	163d 37m 51.9s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94345	*Microtus miurus*		IF (Idaho) = 10534	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94346	*Microtus miurus*		IF (Idaho) = 10535	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94347	*Microtus miurus*		IF (Idaho) = 10536	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94348	*Microtus miurus*		IF (Idaho) = 10537	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94349	*Microtus miurus*		IF (Idaho) = 10538	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94350	*Microtus miurus*		IF (Idaho) = 10539	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94351	*Microtus miurus*		IF (Idaho) = 10540	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94353	*Microtus miurus*		IF (Idaho) = 10542	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94354	*Microtus miurus*		IF (Idaho) = 10543	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94355	*Microtus miurus*		IF (Idaho) = 10544	2003.39	67d 16m 13s N	163d 38m 50.2s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
94356	*Microtus miurus*		IF (Idaho) = 10545	2003.39	67d 16m 47.7s N	163d 37m 51.9s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
94358	*Microtus miurus*		IF (Idaho) = 10547	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
94363	*Microtus miurus*		IF (Idaho) = 10552	2003.39	67d 16m 47.7s N	163d 37m 51.9s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
55112	*Microtus oeconomus*	36942	AF No. = 36942	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55116	*Microtus oeconomus*	36946	AF No. = 36946	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55117	*Microtus oeconomus*	36947	AF No. = 36947	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55121	*Microtus oeconomus*	36951	AF No. = 36951	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55122	*Microtus oeconomus*	36952	AF No. = 36952	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55123	*Microtus oeconomus*	36953	AF No. = 36953	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55124	*Microtus oeconomus*	36954	AF No. = 36954	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55136	*Microtus oeconomus*	36956	AF No. = 36956	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55137	*Microtus oeconomus*	36957	AF No. = 36957	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55138	*Microtus oeconomus*	36958	AF No. = 36958	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55139	*Microtus oeconomus*	36959	AF No. = 36959	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55140	*Microtus oeconomus*	36960	AF No. = 36960	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55141	*Microtus oeconomus*	36961	AF No. = 36961	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55142	*Microtus oeconomus*	36962	AF No. = 36962	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55143	*Microtus oeconomus*	36963	AF No. = 36963	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55144	*Microtus oeconomus*	36964	AF No. = 36964	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55145	*Microtus oeconomus*	36965	AF No. = 36965	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55146	*Microtus oeconomus*	36966	AF No. = 36966	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55147	*Microtus oeconomus*	36967	AF No. = 36967	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55148	*Microtus oeconomus*	36968	AF No. = 36968	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55149	*Microtus oeconomus*	36969	AF No. = 36969	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55150	*Microtus oeconomus*	36970	AF No. = 36970	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55151	*Microtus oeconomus*	36971	AF No. = 36971	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55152	*Microtus oeconomus*	36972	AF No. = 36972	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55159	*Microtus oeconomus*	36979	AF No. = 36979	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55160	*Microtus oeconomus*	36980	AF No. = 36980	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	27-Jul-00
55163	*Microtus oeconomus*	36983	AF No. = 36983	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55164	*Microtus oeconomus*	36984	AF No. = 36984	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55165	*Microtus oeconomus*	36985	AF No. = 36985	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55166	*Microtus oeconomus*	36986	AF No. = 36986	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55173	*Microtus oeconomus*	36993	AF No. = 36993	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55174	*Microtus oeconomus*	36994	AF No. = 36994	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55175	*Microtus oeconomus*	36995	AF No. = 36995	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55176	*Microtus oeconomus*	36996	AF No. = 36996	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55177	*Microtus oeconomus*	36997	AF No. = 36997	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55178	*Microtus oeconomus*	36998	AF No. = 36998	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55179	*Microtus oeconomus*	36999	AF No. = 36999	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55181	*Microtus oeconomus*	37001	AF No. = 37001	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55182	*Microtus oeconomus*	37002	AF No. = 37002	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55183	*Microtus oeconomus*	37003	AF No. = 37003	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55187	*Microtus oeconomus*	37010	AF No. = 37010	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55188	*Microtus oeconomus*	37011	AF No. = 37011	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55189	*Microtus oeconomus*	37012	AF No. = 37012	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55190	*Microtus oeconomus*	37013	AF No. = 37013	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55191	*Microtus oeconomus*	37014	AF No. = 37014	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55192	*Microtus oeconomus*	37015	AF No. = 37015	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55193	*Microtus oeconomus*	37016	AF No. = 37016	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55194	*Microtus oeconomus*	37017	AF No. = 37017	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55195	*Microtus oeconomus*	37018	AF No. = 37018	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55196	*Microtus oeconomus*	37019	AF No. = 37019	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55197	*Microtus oeconomus*	37020	AF No. = 37020	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55198	*Microtus oeconomus*	37021	AF No. = 37021	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55199	*Microtus oeconomus*	37022	AF No. = 37022	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55200	*Microtus oeconomus*	37023	AF No. = 37023	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55201	*Microtus oeconomus*	37024	AF No. = 37024	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	28-Jul-00
55948	*Microtus oeconomus*	46221	AF No. = 46221	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	16-Jul-01
55957	*Microtus oeconomus*	46236	AF No. = 46236	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	18-Jul-01
55966	*Microtus oeconomus*	46239	AF No. = 46239	2001.4	67d 37.814m N	163d 51.344m W	Noatak	CAKR	7 mile Red Dog Mine Road	21-Jul-01
55967	*Microtus oeconomus*	46240	AF No. = 46240	2001.4	67d 37.814m N	163d 51.344m W	Noatak	CAKR	7 mile Red Dog Mine Road	21-Jul-01
55968	*Microtus oeconomus*	46243	AF No. = 46243	2001.4	67d 37.814m N	163d 51.344m W	Noatak	CAKR	7 mile Red Dog Mine Road	21-Jul-01
55962	*Microtus oeconomus*	46244	AF No. = 46244	2001.4	67d 44.967m N	163d 36.558m W	Noatak	CAKR	Red Dog Mine Road	21-Jul-01
94359	*Microtus oeconomus*		IF (Idaho) = 10548	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
94374	*Microtus oeconomus*		IF (Idaho) = 10563	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94375	*Microtus oeconomus*		IF (Idaho) = 10564	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94376	*Microtus oeconomus*		IF (Idaho) = 10565	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94377	*Microtus oeconomus*		IF (Idaho) = 10566	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94382	*Microtus oeconomus*		IF (Idaho) = 10571	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94394	*Microtus oeconomus*		IF (Idaho) = 10583	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94395	*Microtus oeconomus*		IF (Idaho) = 10584	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
94396	*Microtus oeconomus*		IF (Idaho) = 10585	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94397	*Microtus oeconomus*		IF (Idaho) = 10586	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94398	*Microtus oeconomus*		IF (Idaho) = 10587	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94409	*Microtus oeconomus*		IF (Idaho) = 10598	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94422	*Microtus oeconomus*		IF (Idaho) = 10611	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94461	*Microtus oeconomus*		IF (Idaho) = 10649	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94462	*Microtus oeconomus*		IF (Idaho) = 10650	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94463	*Microtus oeconomus*		IF (Idaho) = 10651	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94508	*Microtus oeconomus*		IF (Idaho) = 10697	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94509	*Microtus oeconomus*		IF (Idaho) = 10698	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94516	*Microtus oeconomus*		IF (Idaho) = 10705	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94528	*Microtus oeconomus*		IF (Idaho) = 10717	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94538	*Microtus oeconomus*		IF (Idaho) = 10727	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
55114	*Sorex cinereus*	36944	AF No. = 36944	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55184	*Sorex cinereus*	37004	AF No. = 37004	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55185	*Sorex cinereus*	37007	AF No. = 37007	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55186	*Sorex cinereus*	37008	AF No. = 37008	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55945	*Sorex cinereus*	46217	AF No. = 46217	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	15-Jul-01
55856	*Sorex cinereus*	46218	AF No. = 46218	2001.4	67d 30.932m N	163d 35.183m W	Noatak	CAKR	W bank Rabbit Creek	15-Jul-01
55946	*Sorex cinereus*	46219	AF No. = 46219	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	16-Jul-01
55949	*Sorex cinereus*	46223	AF No. = 46223	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	17-Jul-01
55950	*Sorex cinereus*	46224	AF No. = 46224	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	17-Jul-01
55951	*Sorex cinereus*	46225	AF No. = 46225	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	17-Jul-01
55952	*Sorex cinereus*	46226	AF No. = 46226	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	17-Jul-01
55953	*Sorex cinereus*	46227	AF No. = 46227	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	17-Jul-01
55954	*Sorex cinereus*	46233	AF No. = 46233	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	18-Jul-01
55955	*Sorex cinereus*	46234	AF No. = 46234	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	18-Jul-01
94352	*Sorex cinereus*		IF (Idaho) = 10541	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	9-Jul-03
94360	*Sorex cinereus*		IF (Idaho) = 10549	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
94364	*Sorex cinereus*		IF (Idaho) = 10553	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94365	*Sorex cinereus*		IF (Idaho) = 10554	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94366	*Sorex cinereus*		IF (Idaho) = 10555	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
94379	*Sorex cinereus*		IF (Idaho) = 10568	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94380	*Sorex cinereus*		IF (Idaho) = 10569	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94383	*Sorex cinereus*		IF (Idaho) = 10572	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94384	*Sorex cinereus*		IF (Idaho) = 10573	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94385	*Sorex cinereus*		IF (Idaho) = 10574	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94386	*Sorex cinereus*		IF (Idaho) = 10575	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94387	*Sorex cinereus*		IF (Idaho) = 10576	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94399	*Sorex cinereus*		IF (Idaho) = 10588	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94400	*Sorex cinereus*		IF (Idaho) = 10589	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94401	*Sorex cinereus*		IF (Idaho) = 10590	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94402	*Sorex cinereus*		IF (Idaho) = 10591	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94403	*Sorex cinereus*		IF (Idaho) = 10592	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94404	*Sorex cinereus*		IF (Idaho) = 10593	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94423	*Sorex cinereus*		IF (Idaho) = 10612	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94424	*Sorex cinereus*		IF (Idaho) = 10613	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94425	*Sorex cinereus*		IF (Idaho) = 10614	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94426	*Sorex cinereus*		IF (Idaho) = 10615	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94427	*Sorex cinereus*		IF (Idaho) = 10616	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94428	*Sorex cinereus*		IF (Idaho) = 10617	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94429	*Sorex cinereus*		IF (Idaho) = 10618	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94430	*Sorex cinereus*		IF (Idaho) = 10619	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94431	*Sorex cinereus*		IF (Idaho) = 10620	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94432	*Sorex cinereus*		IF (Idaho) = 10620	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94433	*Sorex cinereus*		IF (Idaho) = 10621	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94434	*Sorex cinereus*		IF (Idaho) = 10622	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94435	*Sorex cinereus*		IF (Idaho) = 10623	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94446	*Sorex cinereus*		IF (Idaho) = 10634	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94447	*Sorex cinereus*		IF (Idaho) = 10635	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94465	*Sorex cinereus*		IF (Idaho) = 10653	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94466	*Sorex cinereus*		IF (Idaho) = 10654	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94467	*Sorex cinereus*		IF (Idaho) = 10655	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94468	*Sorex cinereus*		IF (Idaho) = 10656	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
94469	*Sorex cinereus*		IF (Idaho) = 10657	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94470	*Sorex cinereus*		IF (Idaho) = 10658	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94471	*Sorex cinereus*		IF (Idaho) = 10659	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94472	*Sorex cinereus*		IF (Idaho) = 10660	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94473	*Sorex cinereus*		IF (Idaho) = 10661	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94474	*Sorex cinereus*		IF (Idaho) = 10662	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94477	*Sorex cinereus*		IF (Idaho) = 10666	2003.39	67d 8m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94478	*Sorex cinereus*		IF (Idaho) = 10667	2003.39	67d 8m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94481	*Sorex cinereus*		IF (Idaho) = 10670	2003.39	67d 8m 14.8s N	162d 53m 41.8s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94482	*Sorex cinereus*		IF (Idaho) = 10671	2003.39	67d 8m 14.8s N	162d 53m 41.8s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94495	*Sorex cinereus*		IF (Idaho) = 10684	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94496	*Sorex cinereus*		IF (Idaho) = 10685	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94497	*Sorex cinereus*		IF (Idaho) = 10686	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94498	*Sorex cinereus*		IF (Idaho) = 10687	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94499	*Sorex cinereus*		IF (Idaho) = 10688	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94500	*Sorex cinereus*		IF (Idaho) = 10689	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94501	*Sorex cinereus*		IF (Idaho) = 10690	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94502	*Sorex cinereus*		IF (Idaho) = 10691	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94503	*Sorex cinereus*		IF (Idaho) = 10692	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94505	*Sorex cinereus*		IF (Idaho) = 10694	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94506	*Sorex cinereus*		IF (Idaho) = 10695	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94510	*Sorex cinereus*		IF (Idaho) = 10699	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94511	*Sorex cinereus*		IF (Idaho) = 10700	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94512	*Sorex cinereus*		IF (Idaho) = 10701	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94519	*Sorex cinereus*		IF (Idaho) = 10708	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94520	*Sorex cinereus*		IF (Idaho) = 10709	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94521	*Sorex cinereus*		IF (Idaho) = 10710	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94522	*Sorex cinereus*		IF (Idaho) = 10711	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94523	*Sorex cinereus*		IF (Idaho) = 10712	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94525	*Sorex cinereus*		IF (Idaho) = 10714	2003.39	67d 8m 14.8s N	162d 53m 41.8s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94529	*Sorex cinereus*		IF (Idaho) = 10718	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94530	*Sorex cinereus*		IF (Idaho) = 10719	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
94531	*Sorex cinereus*		IF (Idaho) = 10720	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94532	*Sorex cinereus*		IF (Idaho) = 10721	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94533	*Sorex cinereus*		IF (Idaho) = 10722	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94534	*Sorex cinereus*		IF (Idaho) = 10723	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94535	*Sorex cinereus*		IF (Idaho) = 10724	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94536	*Sorex cinereus*		IF (Idaho) = 10725	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94540	*Sorex cinereus*		IF (Idaho) = 10729	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94541	*Sorex cinereus*		IF (Idaho) = 10730	2003.39	67d 8m 14.8s N	162d 53m 41.8s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94542	*Sorex cinereus*		IF (Idaho) = 10731	2003.39	67d 8m 14.8s N	162d 53m 41.8s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94361	*Sorex hoyi*		IF (Idaho) = 10550	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
94369	*Sorex hoyi*		IF (Idaho) = 10558	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94406	*Sorex hoyi*		IF (Idaho) = 10595	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94436	*Sorex hoyi*		IF (Idaho) = 10624	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94437	*Sorex hoyi*		IF (Idaho) = 10625	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94438	*Sorex hoyi*		IF (Idaho) = 10626	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94439	*Sorex hoyi*		IF (Idaho) = 10627	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
55971	*Sorex monticolus*	46201	AF No. = 46201	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	11-Jul-01
55973	*Sorex monticolus*	46203	AF No. = 46203	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	12-Jul-01
56124	*Sorex monticolus*	46211	AF No. = 46211	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	13-Jul-01
94367	*Sorex monticolus*		IF (Idaho) = 10556	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94368	*Sorex monticolus*		IF (Idaho) = 10557	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94370	*Sorex monticolus*		IF (Idaho) = 10559	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94378	*Sorex monticolus*		IF (Idaho) = 10567	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	12-Jul-03
94388	*Sorex monticolus*		IF (Idaho) = 10577	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94389	*Sorex monticolus*		IF (Idaho) = 10578	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94390	*Sorex monticolus*		IF (Idaho) = 10579	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94405	*Sorex monticolus*		IF (Idaho) = 10594	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94410	*Sorex monticolus*		IF (Idaho) = 10599	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94411	*Sorex monticolus*		IF (Idaho) = 10600	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94412	*Sorex monticolus*		IF (Idaho) = 10601	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94413	*Sorex monticolus*		IF (Idaho) = 10602	2003.39	69d 9m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94440	*Sorex monticolus*		IF (Idaho) = 10628	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
94443	*Sorex monticolus*		IF (Idaho) = 10631	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94444	*Sorex monticolus*		IF (Idaho) = 10632	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	13-Jul-03
94448	*Sorex monticolus*		IF (Idaho) = 10636	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94449	*Sorex monticolus*		IF (Idaho) = 10637	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94450	*Sorex monticolus*		IF (Idaho) = 10638	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94451	*Sorex monticolus*		IF (Idaho) = 10639	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94452	*Sorex monticolus*		IF (Idaho) = 10640	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94453	*Sorex monticolus*		IF (Idaho) = 10641	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94454	*Sorex monticolus*		IF (Idaho) = 10642	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94455	*Sorex monticolus*		IF (Idaho) = 10643	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94475	*Sorex monticolus*		IF (Idaho) = 10663	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94476	*Sorex monticolus*		IF (Idaho) = 10664	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94479	*Sorex monticolus*		IF (Idaho) = 10668	2003.39	67d 8m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94480	*Sorex monticolus*		IF (Idaho) = 10669	2003.39	67d 8m 9.1s N	162d 53m 3.5s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94507	*Sorex monticolus*		IF (Idaho) = 10696	2003.39	67d 8m 18.5s N	162d 53m 5.8s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94513	*Sorex monticolus*		IF (Idaho) = 10702	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94514	*Sorex monticolus*		IF (Idaho) = 10703	2003.39	67d 8m 15.5s N	162d 53m 4.2s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
94539	*Sorex monticolus*		IF (Idaho) = 10728	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
55113	*Sorex tundrensis*	36943	AF No. = 36943	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	26-Jul-00
55125	*Sorex tundrensis*	36955	AF No. = 36955	2000.48	67d 4m 7s N	163d 19m 49s W	Noatak	CAKR	Tukrok River	25-Jul-00
55972	*Sorex tundrensis*	46202	AF No. = 46202	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	11-Jul-01
56123	*Sorex tundrensis*	46210	AF No. = 46210	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	13-Jul-01
55947	*Sorex tundrensis*	46220	AF No. = 46220	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	16-Jul-01
94464	*Sorex tundrensis*		IF (Idaho) = 10652	2003.39	67d 8m 11.5s N	162d 52m 44.9s W	Noatak	CAKR	Igisukruk Mtn.	14-Jul-03
94537	*Sorex tundrensis*		IF (Idaho) = 10726	2003.39	67d 8m 37.1s N	162d 53m 39s W	Noatak	CAKR	Igisukruk Mtn.	15-Jul-03
56121	*Sorex ugyunak*	46208	AF No. = 46208	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	13-Jul-01
56122	*Sorex ugyunak*	46209	AF No. = 46209	2001.4	67d 12.274m N	163d 9.742m W	Noatak	CAKR	W bank Situkuyok River	13-Jul-01
55850	*Sorex ugyunak*	46229	AF No. = 46229	2001.4	67d 31.205m N	163d 34.943m W	Noatak	CAKR	W bank Rabbit Creek	17-Jul-01
94323	*Sorex yukonicus*		IF (Idaho) = 10512	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03
94362	*Sorex yukonicus*		IF (Idaho) = 10551	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	10-Jul-03
55281	*Spermophilus parryii*	37005	AF No. = 37005	2000.48	67d 4m 0s N	163d 22m 0s W	Noatak	CAKR	Tukrok River	28-Jul-00
55282	*Spermophilus parryii*	37006	AF No. = 37006	2000.48	67d 4m 0s N	163d 22m 0s W	Noatak	CAKR	Tukrok River	28-Jul-00

Table A1b (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55283	*Spermophilus parryii*	37009	AF No. = 37009	2000.48	67d 4m 0s N	163d 22m 0s W	Noatak	CAKR	Tukrok River	28-Jul-00
55851	*Spermophilus parryii*	46228	AF No. = 46228	2001.4	67d 31.007m N	163d 36.094m W	Noatak	CAKR	Rabbit Creek	17-Jul-01
55852	*Spermophilus parryii*	46230	AF No. = 46230	2001.4	67d 31.007m N	163d 36.094m W	Noatak	CAKR	Rabbit Creek	17-Jul-01
55853	*Spermophilus parryii*	46231	AF No. = 46231	2001.4	67d 31.007m N	163d 36.094m W	Noatak	CAKR	Rabbit Creek	17-Jul-01
55854	*Spermophilus parryii*	46232	AF No. = 46232	2001.4	67d 31.007m N	163d 36.094m W	Noatak	CAKR	Rabbit Creek	17-Jul-01
55956	*Spermophilus parryii*	46235	AF No. = 46235	2001.4	67d 30.91m N	163d 35.006m W	Noatak	CAKR	E bank of Rabbit Creek	18-Jul-01
55959	*Spermophilus parryii*	46237	AF No. = 46237	2001.4	67d 37.594m N	163d 51.27m W	Noatak	CAKR	Red Dog Mine Road	20-Jul-01
55960	*Spermophilus parryii*	46238	AF No. = 46238	2001.4	67d 37.594m N	163d 51.27m W	Noatak	CAKR	Red Dog Mine Road	20-Jul-01
94327	*Spermophilus parryii*		IF (Idaho) = 10516	2003.39	67d 15m 49.5s N	163d 40m 37.7s W	Noatak	CAKR	Kakagrak Hills	7-Jul-03

Table A1c. Mammal specimens in the University of Alaska Museum (UAM) from BCP/NPS inventories of the **Gates of the Arctic Natl. Park and Preserve**, Alaska, field season 2002.

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82039	*Clethrionomys rutilus*	58214	AF No. = 58214	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82114	*Clethrionomys rutilus*	58215	AF No. = 58215	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82115	*Clethrionomys rutilus*	58216	AF No. = 58216	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82116	*Clethrionomys rutilus*	58217	AF No. = 58217	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82040	*Clethrionomys rutilus*	58218	AF No. = 58218	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82041	*Clethrionomys rutilus*	58219	AF No. = 58219	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82117	*Clethrionomys rutilus*	58220	AF No. = 58220	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82042	*Clethrionomys rutilus*	58221	AF No. = 58221	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82141	*Clethrionomys rutilus*	58264	AF No. = 58264	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82142	*Clethrionomys rutilus*	58265	AF No. = 58265	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82256	*Clethrionomys rutilus*	58266	AF No. = 58266	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82155	*Clethrionomys rutilus*	58286	AF No. = 58286	2002.31	68d 7m 2.2s N	154d 6m 45.3s W	Killik River	GAAR	300 m NE of Lake Tulilik	13-Jul-02
82156	*Clethrionomys rutilus*	58287	AF No. = 58287	2002.31	68d 7m 2.2s N	154d 6m 45.3s W	Killik River	GAAR	300 m NE of Lake Tulilik	13-Jul-02
82061	*Clethrionomys rutilus*	58301	AF No. = 58301	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82176	*Clethrionomys rutilus*	58335	AF No. = 58335	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82177	*Clethrionomys rutilus*	58336	AF No. = 58336	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82184	*Clethrionomys rutilus*	58343	AF No. = 58343	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	15-Jul-02
82086	*Clethrionomys rutilus*	58362	AF No. = 58362	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	16-Jul-02
82093	*Clethrionomys rutilus*	58381	AF No. = 58381	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82094	*Clethrionomys rutilus*	58382	AF No. = 58382	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82095	*Clethrionomys rutilus*	58403	AF No. = 58403	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82096	*Clethrionomys rutilus*	58404	AF No. = 58404	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82097	*Clethrionomys rutilus*	58405	AF No. = 58405	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82098	*Clethrionomys rutilus*	58408	AF No. = 58408	2002.31	68d 6m 57.9s N	154d 6m 34.3s W	Killik River	GAAR	NE side of Lake Tulilik	17-Jul-02
82099	*Clethrionomys rutilus*	58409	AF No. = 58409	2002.31	68d 6m 57.9s N	154d 6m 34.3s W	Killik River	GAAR	NE side of Lake Tulilik	17-Jul-02
82100	*Clethrionomys rutilus*	58410	AF No. = 58410	2002.31	68d 6m 57.9s N	154d 6m 34.3s W	Killik River	GAAR	NE side of Lake Tulilik	17-Jul-02
82101	*Clethrionomys rutilus*	58420	AF No. = 58420	2002.31	68d 6m 29.5s N	154d 8m 22s W	Killik River	GAAR	1 km SW of Lake Tulilik	17-Jul-02
81913	*Clethrionomys rutilus*	58436	AF No. = 58436	2002.31	67d 43m 17.4s N	156d 8m 14.5s W	Ambler River	GAAR and Preserve	unnamed stream at E side of Lake Isiak	19-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
81936	*Clethrionomys rutilus*	58446	AF No. = 58446	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81937	*Clethrionomys rutilus*	58447	AF No. = 58447	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81916	*Clethrionomys rutilus*	58473	AF No. = 58473	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	21-Jul-02
81917	*Clethrionomys rutilus*	58474	AF No. = 58474	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	21-Jul-02
81962	*Clethrionomys rutilus*	58489	AF No. = 58489	2002.31	67d 43m 17.4s N	156d 8m 14.5s W	Ambler River	GAAR and Preserve	unnamed stream at E side of Lake Isiak	22-Jul-02
81923	*Clethrionomys rutilus*	58490	AF No. = 58490	2002.31	67d 43m 17.4s N	156d 8m 14.5s W	Ambler River	GAAR and Preserve	unnamed stream at E side of Lake Isiak	22-Jul-02
81967	*Clethrionomys rutilus*	58496	AF No. = 58496	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	22-Jul-02
81970	*Clethrionomys rutilus*	58500	AF No. = 58500	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	22-Jul-02
81925	*Clethrionomys rutilus*	58511	AF No. = 58511	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
81975	*Clethrionomys rutilus*	58512	AF No. = 58512	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
81980	*Clethrionomys rutilus*	58521	AF No. = 58521	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	23-Jul-02
81983	*Clethrionomys rutilus*	58525	AF No. = 58525	2002.31	67d 43m 15.5s N	156d 3m 37.9s W	Ambler River	GAAR and Preserve	unnamed stream 2.5 km NW of Lake Isiak	23-Jul-02
81933	*Clethrionomys rutilus*	58544	AF No. = 58544	2002.31	67d 43m 14.2s N	156d 3m 51.7s W	Ambler River	GAAR and Preserve	2.5 km NW of Lake Isiak	23-Jul-02
81934	*Clethrionomys rutilus*	58550	AF No. = 58550	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	24-Jul-02
81935	*Clethrionomys rutilus*	58554	AF No. = 58554	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	24-Jul-02
79571	*Clethrionomys rutilus*	58571	AF No. = 58571	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79648	*Clethrionomys rutilus*	58572	AF No. = 58572	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79649	*Clethrionomys rutilus*	58573	AF No. = 58573	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79574	*Clethrionomys rutilus*	58577	AF No. = 58577	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79579	*Clethrionomys rutilus*	58588	AF No. = 58588	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79581	*Clethrionomys rutilus*	58593	AF No. = 58593	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79582	*Clethrionomys rutilus*	58599	AF No. = 58599	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79583	*Clethrionomys rutilus*	58600	AF No. = 58600	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79587	*Clethrionomys rutilus*	58612	AF No. = 58612	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79588	*Clethrionomys rutilus*	58615	AF No. = 58615	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	27-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79593	*Clethrionomys rutilus*	58623	AF No. = 58623	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79594	*Clethrionomys rutilus*	58624	AF No. = 58624	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79595	*Clethrionomys rutilus*	58626	AF No. = 58626	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79597	*Clethrionomys rutilus*	58633	AF No. = 58633	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79674	*Clethrionomys rutilus*	58661	AF No. = 58661	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79603	*Clethrionomys rutilus*	58662	AF No. = 58662	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79604	*Clethrionomys rutilus*	58663	AF No. = 58663	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79608	*Clethrionomys rutilus*	58677	AF No. = 58677	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79684	*Clethrionomys rutilus*	58678	AF No. = 58678	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79685	*Clethrionomys rutilus*	58685	AF No. = 58685	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79688	*Clethrionomys rutilus*	58716	AF No. = 58716	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
79689	*Clethrionomys rutilus*	58717	AF No. = 58717	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
79617	*Clethrionomys rutilus*	58718	AF No. = 58718	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
79690	*Clethrionomys rutilus*	58719	AF No. = 58719	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
79618	*Clethrionomys rutilus*	58720	AF No. = 58720	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
79619	*Clethrionomys rutilus*	58730	AF No. = 58730	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
79623	*Clethrionomys rutilus*	58747	AF No. = 58747	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
79795	*Clethrionomys rutilus*	58759	AF No. = 58759	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
79625	*Clethrionomys rutilus*	58760	AF No. = 58760	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
79626	*Clethrionomys rutilus*	58764	AF No. = 58764	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	30-Jul-02
79797	*Clethrionomys rutilus*	58765	AF No. = 58765	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	30-Jul-02
79798	*Clethrionomys rutilus*	58766	AF No. = 58766	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	30-Jul-02
79799	*Clethrionomys rutilus*	58767	AF No. = 58767	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	30-Jul-02
79800	*Clethrionomys rutilus*	58768	AF No. = 58768	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	30-Jul-02
79632	*Clethrionomys rutilus*	58786	AF No. = 58786	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
79802	*Clethrionomys rutilus*	58806	AF No. = 58806	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
79803	*Clethrionomys rutilus*	58807	AF No. = 58807	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
79636	*Clethrionomys rutilus*	58808	AF No. = 58808	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
79804	*Clethrionomys rutilus*	58814	AF No. = 58814	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
79807	*Clethrionomys rutilus*	58821	AF No. = 58821	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02
79808	*Clethrionomys rutilus*	58822	AF No. = 58822	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02
79639	*Clethrionomys rutilus*	58823	AF No. = 58823	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79809	*Clethrionomys rutilus*	58824	AF No. = 58824	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02
79810	*Clethrionomys rutilus*	58825	AF No. = 58825	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02
79812	*Clethrionomys rutilus*	58835	AF No. = 58835	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
79813	*Clethrionomys rutilus*	58836	AF No. = 58836	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
79820	*Clethrionomys rutilus*	58867	AF No. = 58867	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
79646	*Clethrionomys rutilus*	58875	AF No. = 58875	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
79251	*Clethrionomys rutilus*	58883	AF No. = 58883	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79252	*Clethrionomys rutilus*	58884	AF No. = 58884	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79253	*Clethrionomys rutilus*	58885	AF No. = 58885	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79254	*Clethrionomys rutilus*	58886	AF No. = 58886	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79255	*Clethrionomys rutilus*	58887	AF No. = 58887	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79256	*Clethrionomys rutilus*	58888	AF No. = 58888	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79257	*Clethrionomys rutilus*	58889	AF No. = 58889	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79258	*Clethrionomys rutilus*	58890	AF No. = 58890	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79259	*Clethrionomys rutilus*	58891	AF No. = 58891	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79260	*Clethrionomys rutilus*	58892	AF No. = 58892	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79261	*Clethrionomys rutilus*	58893	AF No. = 58893	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79262	*Clethrionomys rutilus*	58894	AF No. = 58894	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79496	*Clethrionomys rutilus*	58909	AF No. = 58909	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79333	*Clethrionomys rutilus*	58917	AF No. = 58917	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79334	*Clethrionomys rutilus*	58918	AF No. = 58918	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79335	*Clethrionomys rutilus*	58919	AF No. = 58919	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79336	*Clethrionomys rutilus*	58920	AF No. = 58920	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79337	*Clethrionomys rutilus*	58921	AF No. = 58921	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79338	*Clethrionomys rutilus*	58922	AF No. = 58922	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79339	*Clethrionomys rutilus*	58923	AF No. = 58923	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79267	*Clethrionomys rutilus*	58929	AF No. = 58929	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79268	*Clethrionomys rutilus*	58930	AF No. = 58930	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79269	*Clethrionomys rutilus*	58931	AF No. = 58931	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79270	*Clethrionomys rutilus*	58932	AF No. = 58932	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79271	*Clethrionomys rutilus*	58933	AF No. = 58933	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79272	*Clethrionomys rutilus*	58934	AF No. = 58934	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79273	*Clethrionomys rutilus*	58935	AF No. = 58935	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79274	*Clethrionomys rutilus*	58936	AF No. = 58936	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79275	*Clethrionomys rutilus*	58937	AF No. = 58937	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79381	*Clethrionomys rutilus*	58957	AF No. = 58957	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79345	*Clethrionomys rutilus*	58963	AF No. = 58963	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79300	*Clethrionomys rutilus*	58970	AF No. = 58970	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79301	*Clethrionomys rutilus*	58971	AF No. = 58971	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79302	*Clethrionomys rutilus*	58972	AF No. = 58972	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79303	*Clethrionomys rutilus*	58973	AF No. = 58973	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79304	*Clethrionomys rutilus*	58974	AF No. = 58974	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79305	*Clethrionomys rutilus*	58975	AF No. = 58975	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79407	*Clethrionomys rutilus*	58979	AF No. = 58979	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79408	*Clethrionomys rutilus*	58980	AF No. = 58980	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79409	*Clethrionomys rutilus*	58981	AF No. = 58981	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79385	*Clethrionomys rutilus*	58985	AF No. = 58985	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79386	*Clethrionomys rutilus*	58986	AF No. = 58986	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79387	*Clethrionomys rutilus*	58987	AF No. = 58987	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79388	*Clethrionomys rutilus*	58988	AF No. = 58988	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79277	*Clethrionomys rutilus*	58995	AF No. = 58995	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79278	*Clethrionomys rutilus*	58996	AF No. = 58996	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79279	*Clethrionomys rutilus*	58997	AF No. = 58997	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79280	*Clethrionomys rutilus*	58998	AF No. = 58998	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79281	*Clethrionomys rutilus*	58999	AF No. = 58999	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79282	*Clethrionomys rutilus*	59000	AF No. = 59000	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79283	*Clethrionomys rutilus*	59001	AF No. = 59001	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79284	*Clethrionomys rutilus*	59002	AF No. = 59002	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79350	*Clethrionomys rutilus*	59010	AF No. = 59010	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79351	*Clethrionomys rutilus*	59011	AF No. = 59011	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79352	*Clethrionomys rutilus*	59012	AF No. = 59012	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79311	*Clethrionomys rutilus*	59018	AF No. = 59018	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79312	*Clethrionomys rutilus*	59019	AF No. = 59019	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79313	*Clethrionomys rutilus*	59020	AF No. = 59020	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79314	*Clethrionomys rutilus*	59021	AF No. = 59021	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79315	*Clethrionomys rutilus*	59022	AF No. = 59022	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79316	*Clethrionomys rutilus*	59023	AF No. = 59023	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79414	*Clethrionomys rutilus*	59030	AF No. = 59030	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79415	*Clethrionomys rutilus*	59031	AF No. = 59031	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79416	*Clethrionomys rutilus*	59032	AF No. = 59032	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79417	*Clethrionomys rutilus*	59033	AF No. = 59033	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79400	*Clethrionomys rutilus*	59046	AF No. = 59046	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79401	*Clethrionomys rutilus*	59047	AF No. = 59047	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79402	*Clethrionomys rutilus*	59048	AF No. = 59048	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79403	*Clethrionomys rutilus*	59049	AF No. = 59049	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79290	*Clethrionomys rutilus*	59052	AF No. = 59052	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	5-Aug-02
79291	*Clethrionomys rutilus*	59053	AF No. = 59053	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	5-Aug-02
79292	*Clethrionomys rutilus*	59054	AF No. = 59054	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	5-Aug-02
79293	*Clethrionomys rutilus*	59055	AF No. = 59055	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	5-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79294	*Clethrionomys rutilus*	59056	AF No. = 59056	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	5-Aug-02
79319	*Clethrionomys rutilus*	59057	AF No. = 59057	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79320	*Clethrionomys rutilus*	59058	AF No. = 59058	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79321	*Clethrionomys rutilus*	59059	AF No. = 59059	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79322	*Clethrionomys rutilus*	59060	AF No. = 59060	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79323	*Clethrionomys rutilus*	59061	AF No. = 59061	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79324	*Clethrionomys rutilus*	59062	AF No. = 59062	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79325	*Clethrionomys rutilus*	59063	AF No. = 59063	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79419	*Clethrionomys rutilus*	59065	AF No. = 59065	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79494	*Clethrionomys rutilus*	59067	AF No. = 59067	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79495	*Clethrionomys rutilus*	59068	AF No. = 59068	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79420	*Clethrionomys rutilus*	59069	AF No. = 59069	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79421	*Clethrionomys rutilus*	59070	AF No. = 59070	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79497	*Clethrionomys rutilus*	59071	AF No. = 59071	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79498	*Clethrionomys rutilus*	59072	AF No. = 59072	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	5-Aug-02
79557	*Clethrionomys rutilus*	59081	AF No. = 59081	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	6-Aug-02
79429	*Clethrionomys rutilus*	59082	AF No. = 59082	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	6-Aug-02
79430	*Clethrionomys rutilus*	59083	AF No. = 59083	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	6-Aug-02
79431	*Clethrionomys rutilus*	59084	AF No. = 59084	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	6-Aug-02
79434	*Clethrionomys rutilus*	59089	AF No. = 59089	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79437	*Clethrionomys rutilus*	59092	AF No. = 59092	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79438	*Clethrionomys rutilus*	59093	AF No. = 59093	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79439	*Clethrionomys rutilus*	59094	AF No. = 59094	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79440	*Clethrionomys rutilus*	59095	AF No. = 59095	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79448	*Clethrionomys rutilus*	59103	AF No. = 59103	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79449	*Clethrionomys rutilus*	59104	AF No. = 59104	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79450	*Clethrionomys rutilus*	59105	AF No. = 59105	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79451	*Clethrionomys rutilus*	59106	AF No. = 59106	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79452	*Clethrionomys rutilus*	59107	AF No. = 59107	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79453	*Clethrionomys rutilus*	59108	AF No. = 59108	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79454	*Clethrionomys rutilus*	59109	AF No. = 59109	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79455	*Clethrionomys rutilus*	59110	AF No. = 59110	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79456	*Clethrionomys rutilus*	59111	AF No. = 59111	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79457	*Clethrionomys rutilus*	59112	AF No. = 59112	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79458	*Clethrionomys rutilus*	59113	AF No. = 59113	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79459	*Clethrionomys rutilus*	59114	AF No. = 59114	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79534	*Clethrionomys rutilus*	59117	AF No. = 59117	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79535	*Clethrionomys rutilus*	59118	AF No. = 59118	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79462	*Clethrionomys rutilus*	59119	AF No. = 59119	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79463	*Clethrionomys rutilus*	59120	AF No. = 59120	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79467	*Clethrionomys rutilus*	59124	AF No. = 59124	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	7-Aug-02
79536	*Clethrionomys rutilus*	59125	AF No. = 59125	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	7-Aug-02
79537	*Clethrionomys rutilus*	59126	AF No. = 59126	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	7-Aug-02
79538	*Clethrionomys rutilus*	59127	AF No. = 59127	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	7-Aug-02
79539	*Clethrionomys rutilus*	59128	AF No. = 59128	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	7-Aug-02
79540	*Clethrionomys rutilus*	59129	AF No. = 59129	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79468	*Clethrionomys rutilus*	59130	AF No. = 59130	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79469	*Clethrionomys rutilus*	59131	AF No. = 59131	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79470	*Clethrionomys rutilus*	59132	AF No. = 59132	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79473	*Clethrionomys rutilus*	59136	AF No. = 59136	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79474	*Clethrionomys rutilus*	59137	AF No. = 59137	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79482	*Clethrionomys rutilus*	59145	AF No. = 59145	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79541	*Clethrionomys rutilus*	59146	AF No. = 59146	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79483	*Clethrionomys rutilus*	59147	AF No. = 59147	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79484	*Clethrionomys rutilus*	59148	AF No. = 59148	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79485	*Clethrionomys rutilus*	59149	AF No. = 59149	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79486	*Clethrionomys rutilus*	59150	AF No. = 59150	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79487	*Clethrionomys rutilus*	59151	AF No. = 59151	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79544	*Clethrionomys rutilus*	59156	AF No. = 59156	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	8-Aug-02
79545	*Clethrionomys rutilus*	59157	AF No. = 59157	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	8-Aug-02
79550	*Clethrionomys rutilus*	59162	AF No. = 59162	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
79552	*Clethrionomys rutilus*	59164	AF No. = 59164	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
79553	*Clethrionomys rutilus*	59165	AF No. = 59165	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
79554	*Clethrionomys rutilus*	59166	AF No. = 59166	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
79501	*Clethrionomys rutilus*	59168	AF No. = 59168	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
79085	*Clethrionomys rutilus*	59959	AF No. = 59959	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79088	*Clethrionomys rutilus*	59962	AF No. = 59962	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79092	*Clethrionomys rutilus*	59966	AF No. = 59966	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79116	*Clethrionomys rutilus*	59983	AF No. = 59983	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79191	*Clethrionomys rutilus*	61000	AF No. = 61000	2002.32	68d 4m 39.2s N	152d 55m 27.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78775	*Clethrionomys rutilus*	61008	AF No. = 61008	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78778	*Clethrionomys rutilus*	61011	AF No. = 61011	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78798	*Clethrionomys rutilus*	61041	AF No. = 61041	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78799	*Clethrionomys rutilus*	61042	AF No. = 61042	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78698	*Clethrionomys rutilus*	61048	AF No. = 61048	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78703	*Clethrionomys rutilus*	61052	AF No. = 61052	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
79209	*Clethrionomys rutilus*	61112	AF No. = 61112	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78762	*Clethrionomys rutilus*	61124	AF No. = 61124	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78829	*Clethrionomys rutilus*	61129	AF No. = 61129	2002.32	68d 4m 39.2s N	152d 55m 27.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78830	*Clethrionomys rutilus*	61130	AF No. = 61130	2002.32	68d 4m 39.2s N	152d 55m 27.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78868	*Clethrionomys rutilus*	61174	AF No. = 61174	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78871	*Clethrionomys rutilus*	61179	AF No. = 61179	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78873	*Clethrionomys rutilus*	61180	AF No. = 61180	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78535	*Clethrionomys rutilus*	61200	AF No. = 61200	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78536	*Clethrionomys rutilus*	61201	AF No. = 61201	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78539	*Clethrionomys rutilus*	61209	AF No. = 61209	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78585	*Clethrionomys rutilus*	61215	AF No. = 61215	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78586	*Clethrionomys rutilus*	61216	AF No. = 61216	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78587	*Clethrionomys rutilus*	61217	AF No. = 61217	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78588	*Clethrionomys rutilus*	61218	AF No. = 61218	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78589	*Clethrionomys rutilus*	61219	AF No. = 61219	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78590	*Clethrionomys rutilus*	61220	AF No. = 61220	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78591	*Clethrionomys rutilus*	61221	AF No. = 61221	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78592	*Clethrionomys rutilus*	61222	AF No. = 61222	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78593	*Clethrionomys rutilus*	61223	AF No. = 61223	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78594	*Clethrionomys rutilus*	61224	AF No. = 61224	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78520	*Clethrionomys rutilus*	61225	AF No. = 61225	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78543	*Clethrionomys rutilus*	61226	AF No. = 61226	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78544	*Clethrionomys rutilus*	61227	AF No. = 61227	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78545	*Clethrionomys rutilus*	61228	AF No. = 61228	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78546	*Clethrionomys rutilus*	61229	AF No. = 61229	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78521	*Clethrionomys rutilus*	61231	AF No. = 61231	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78522	*Clethrionomys rutilus*	61232	AF No. = 61232	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78595	*Clethrionomys rutilus*	61238	AF No. = 61238	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78596	*Clethrionomys rutilus*	61239	AF No. = 61239	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78597	*Clethrionomys rutilus*	61240	AF No. = 61240	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78617	*Clethrionomys rutilus*	61241	AF No. = 61241	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78549	*Clethrionomys rutilus*	61245	AF No. = 61245	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78552	*Clethrionomys rutilus*	61248	AF No. = 61248	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78556	*Clethrionomys rutilus*	61252	AF No. = 61252	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78557	*Clethrionomys rutilus*	61253	AF No. = 61253	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78558	*Clethrionomys rutilus*	61254	AF No. = 61254	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78622	*Clethrionomys rutilus*	61258	AF No. = 61258	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78598	*Clethrionomys rutilus*	61261	AF No. = 61261	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78599	*Clethrionomys rutilus*	61262	AF No. = 61262	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78601	*Clethrionomys rutilus*	61265	AF No. = 61265	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78650	*Clethrionomys rutilus*	61266	AF No. = 61266	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78651	*Clethrionomys rutilus*	61267	AF No. = 61267	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78652	*Clethrionomys rutilus*	61268	AF No. = 61268	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78653	*Clethrionomys rutilus*	61269	AF No. = 61269	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78654	*Clethrionomys rutilus*	61270	AF No. = 61270	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78655	*Clethrionomys rutilus*	61271	AF No. = 61271	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78559	*Clethrionomys rutilus*	61272	AF No. = 61272	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78560	*Clethrionomys rutilus*	61273	AF No. = 61273	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78602	*Clethrionomys rutilus*	61286	AF No. = 61286	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78603	*Clethrionomys rutilus*	61287	AF No. = 61287	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78604	*Clethrionomys rutilus*	61288	AF No. = 61288	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78606	*Clethrionomys rutilus*	61290	AF No. = 61290	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78607	*Clethrionomys rutilus*	61291	AF No. = 61291	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78562	*Clethrionomys rutilus*	61292	AF No. = 61292	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78663	*Clethrionomys rutilus*	61301	AF No. = 61301	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78564	*Clethrionomys rutilus*	61303	AF No. = 61303	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78665	*Clethrionomys rutilus*	61305	AF No. = 61305	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78668	*Clethrionomys rutilus*	61308	AF No. = 61308	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78670	*Clethrionomys rutilus*	61310	AF No. = 61310	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78672	*Clethrionomys rutilus*	61312	AF No. = 61312	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78673	*Clethrionomys rutilus*	61313	AF No. = 61313	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78674	*Clethrionomys rutilus*	61314	AF No. = 61314	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78675	*Clethrionomys rutilus*	61315	AF No. = 61315	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78657	*Clethrionomys rutilus*	61317	AF No. = 61317	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78659	*Clethrionomys rutilus*	61319	AF No. = 61319	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78660	*Clethrionomys rutilus*	61320	AF No. = 61320	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78661	*Clethrionomys rutilus*	61321	AF No. = 61321	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78565	*Clethrionomys rutilus*	61324	AF No. = 61324	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78608	*Clethrionomys rutilus*	61325	AF No. = 61325	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78609	*Clethrionomys rutilus*	61326	AF No. = 61326	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78676	*Clethrionomys rutilus*	61327	AF No. = 61327	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78677	*Clethrionomys rutilus*	61328	AF No. = 61328	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78566	*Clethrionomys rutilus*	61329	AF No. = 61329	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78567	*Clethrionomys rutilus*	61330	AF No. = 61330	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78570	*Clethrionomys rutilus*	61333	AF No. = 61333	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78611	*Clethrionomys rutilus*	61337	AF No. = 61337	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78612	*Clethrionomys rutilus*	61338	AF No. = 61338	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78642	*Clethrionomys rutilus*	61339	AF No. = 61339	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78643	*Clethrionomys rutilus*	61340	AF No. = 61340	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78680	*Clethrionomys rutilus*	61342	AF No. = 61342	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78682	*Clethrionomys rutilus*	61344	AF No. = 61344	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78683	*Clethrionomys rutilus*	61345	AF No. = 61345	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78613	*Clethrionomys rutilus*	61351	AF No. = 61351	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78614	*Clethrionomys rutilus*	61352	AF No. = 61352	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78615	*Clethrionomys rutilus*	61353	AF No. = 61353	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78532	*Clethrionomys rutilus*	61358	AF No. = 61358	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78686	*Clethrionomys rutilus*	61360	AF No. = 61360	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78687	*Clethrionomys rutilus*	61361	AF No. = 61361	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78688	*Clethrionomys rutilus*	61362	AF No. = 61362	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78573	*Clethrionomys rutilus*	61364	AF No. = 61364	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78574	*Clethrionomys rutilus*	61365	AF No. = 61365	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78577	*Clethrionomys rutilus*	61368	AF No. = 61368	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78578	*Clethrionomys rutilus*	61369	AF No. = 61369	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78691	*Clethrionomys rutilus*	61379	AF No. = 61379	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78693	*Clethrionomys rutilus*	61381	AF No. = 61381	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79215	*Clethrionomys rutilus*	61389	AF No. = 61389	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
79211	*Clethrionomys rutilus*	61391	AF No. = 61391	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
79216	*Clethrionomys rutilus*	61392	AF No. = 61392	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
79217	*Clethrionomys rutilus*	61393	AF No. = 61393	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
79218	*Clethrionomys rutilus*	61394	AF No. = 61394	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78310	*Clethrionomys rutilus*	61602	AF No. = 61602	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78315	*Clethrionomys rutilus*	61611	AF No. = 61611	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78316	*Clethrionomys rutilus*	61612	AF No. = 61612	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78318	*Clethrionomys rutilus*	61616	AF No. = 61616	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78320	*Clethrionomys rutilus*	61618	AF No. = 61618	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78322	*Clethrionomys rutilus*	61620	AF No. = 61620	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78248	*Clethrionomys rutilus*	61621	AF No. = 61621	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78323	*Clethrionomys rutilus*	61622	AF No. = 61622	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78324	*Clethrionomys rutilus*	61623	AF No. = 61623	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78325	*Clethrionomys rutilus*	61624	AF No. = 61624	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78326	*Clethrionomys rutilus*	61625	AF No. = 61625	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78278	*Clethrionomys rutilus*	61626	AF No. = 61626	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78270	*Clethrionomys rutilus*	61628	AF No. = 61628	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78271	*Clethrionomys rutilus*	61629	AF No. = 61629	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78279	*Clethrionomys rutilus*	61630	AF No. = 61630	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78280	*Clethrionomys rutilus*	61631	AF No. = 61631	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78281	*Clethrionomys rutilus*	61632	AF No. = 61632	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78274	*Clethrionomys rutilus*	61635	AF No. = 61635	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78275	*Clethrionomys rutilus*	61636	AF No. = 61636	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78327	*Clethrionomys rutilus*	61637	AF No. = 61637	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78328	*Clethrionomys rutilus*	61638	AF No. = 61638	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78255	*Clethrionomys rutilus*	61647	AF No. = 61647	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78256	*Clethrionomys rutilus*	61648	AF No. = 61648	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78358	*Clethrionomys rutilus*	61650	AF No. = 61650	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78359	*Clethrionomys rutilus*	61651	AF No. = 61651	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78360	*Clethrionomys rutilus*	61652	AF No. = 61652	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78330	*Clethrionomys rutilus*	61653	AF No. = 61653	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78333	*Clethrionomys rutilus*	61656	AF No. = 61656	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78365	*Clethrionomys rutilus*	61666	AF No. = 61666	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78336	*Clethrionomys rutilus*	61667	AF No. = 61667	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78370	*Clethrionomys rutilus*	61682	AF No. = 61682	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78264	*Clethrionomys rutilus*	61683	AF No. = 61683	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78265	*Clethrionomys rutilus*	61684	AF No. = 61684	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78342	*Clethrionomys rutilus*	61686	AF No. = 61686	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78343	*Clethrionomys rutilus*	61687	AF No. = 61687	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78344	*Clethrionomys rutilus*	61688	AF No. = 61688	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78347	*Clethrionomys rutilus*	61696	AF No. = 61696	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78348	*Clethrionomys rutilus*	61697	AF No. = 61697	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78349	*Clethrionomys rutilus*	61698	AF No. = 61698	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78350	*Clethrionomys rutilus*	61699	AF No. = 61699	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78351	*Clethrionomys rutilus*	61700	AF No. = 61700	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78352	*Clethrionomys rutilus*	61701	AF No. = 61701	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78371	*Clethrionomys rutilus*	61706	AF No. = 61706	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78372	*Clethrionomys rutilus*	61707	AF No. = 61707	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78373	*Clethrionomys rutilus*	61708	AF No. = 61708	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
79188	*Clethrionomys rutilus*	61791	AF No. = 61791	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78374	*Clethrionomys rutilus*	61797	AF No. = 61797	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78481	*Clethrionomys rutilus*	61820	AF No. = 61820	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78992	*Clethrionomys rutilus*	61896	AF No. = 61896	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78993	*Clethrionomys rutilus*	61897	AF No. = 61897	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79027	*Clethrionomys rutilus*	61907	AF No. = 61907	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78984	*Clethrionomys rutilus*	61909	AF No. = 61909	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78985	*Clethrionomys rutilus*	61910	AF No. = 61910	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78986	*Clethrionomys rutilus*	61911	AF No. = 61911	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78987	*Clethrionomys rutilus*	61912	AF No. = 61912	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79019	*Clethrionomys rutilus*	61913	AF No. = 61913	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79032	*Clethrionomys rutilus*	61932	AF No. = 61932	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79009	*Clethrionomys rutilus*	61967	AF No. = 61967	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79036	*Clethrionomys rutilus*	61969	AF No. = 61969	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79039	*Clethrionomys rutilus*	61972	AF No. = 61972	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79040	*Clethrionomys rutilus*	61973	AF No. = 61973	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78996	*Clethrionomys rutilus*	61976	AF No. = 61976	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78997	*Clethrionomys rutilus*	61977	AF No. = 61977	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78950	*Clethrionomys rutilus*	61982	AF No. = 61982	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79059	*Clethrionomys rutilus*	62056	AF No. = 62056	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79067	*Clethrionomys rutilus*	62071	AF No. = 62071	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79070	*Clethrionomys rutilus*	62074	AF No. = 62074	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79075	*Clethrionomys rutilus*	62079	AF No. = 62079	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
78439	*Dicrostonyx groenlandicus*	61743	AF No. = 61743	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78445	*Dicrostonyx groenlandicus*	61761	AF No. = 61761	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78473	*Dicrostonyx groenlandicus*	61838	AF No. = 61838	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78455	*Dicrostonyx groenlandicus*	61841	AF No. = 61841	2002.32	68d 34m 17.6s N	152d 57m 34.2s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
79176	*Dicrostonyx groenlandicus*	61874	AF No. = 61874	2002.32	68d 34m 26.2s N	152d 58m 1s W	Chandler Lake	GAAR	Fortress Mtn.	1-Aug-02
79565	*Erethizon dorsatum*	58938	AF No. = 58938	2002.31	67d 6m 9.4s N	154d 16m 32.5s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79244	*Erethizon dorsatum*	62039	AF No. = 62039	2002.32	68d 16m 31.1s N	150d 39m 24.3s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
82053	*Lemmus trimucronatus*	58267	AF No. = 58267	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82175	*Lemmus trimucronatus*	58334	AF No. = 58334	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
79247	*Lemmus trimucronatus*	58879	AF No. = 58879	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79248	*Lemmus trimucronatus*	58880	AF No. = 58880	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79353	*Lemmus trimucronatus*	58896	AF No. = 58896	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79503	*Lemmus trimucronatus*	58924	AF No. = 58924	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79366	*Lemmus trimucronatus*	58942	AF No. = 58942	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79404	*Lemmus trimucronatus*	58976	AF No. = 58976	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79276	*Lemmus trimucronatus*	58994	AF No. = 58994	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79502	*Lemmus trimucronatus*	59035	AF No. = 59035	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79397	*Lemmus trimucronatus*	59043	AF No. = 59043	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79426	*Lemmus trimucronatus*	59078	AF No. = 59078	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	6-Aug-02
79435	*Lemmus trimucronatus*	59090	AF No. = 59090	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79442	*Lemmus trimucronatus*	59097	AF No. = 59097	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79461	*Lemmus trimucronatus*	59116	AF No. = 59116	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79543	*Lemmus trimucronatus*	59155	AF No. = 59155	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	8-Aug-02
79551	*Lemmus trimucronatus*	59163	AF No. = 59163	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79124	*Lemmus trimucronatus*	59915	AF No. = 59915; U.S. Natl. Parasite Collection = 94139	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79132	*Lemmus trimucronatus*	59923	AF No. = 59923	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79133	*Lemmus trimucronatus*	59924	AF No. = 59924	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79110	*Lemmus trimucronatus*	59949	AF No. = 59949	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79101	*Lemmus trimucronatus*	59982	AF No. = 59982	2002.32	68d 4m 52.2s N	152d 56m 54.3s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79213	*Lemmus trimucronatus*	61113	AF No. = 61113	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78728	*Lemmus trimucronatus*	61182	AF No. = 61182	2002.32	68d 4m 52.2s N	152d 56m 54.3s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78550	*Lemmus trimucronatus*	61246	AF No. = 61246	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78551	*Lemmus trimucronatus*	61247	AF No. = 61247	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78527	*Lemmus trimucronatus*	61255	AF No. = 61255	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78620	*Lemmus trimucronatus*	61256	AF No. = 61256	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78600	*Lemmus trimucronatus*	61263	AF No. = 61263	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78579	*Lemmus trimucronatus*	61382	AF No. = 61382	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78580	*Lemmus trimucronatus*	61383	AF No. = 61383	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78581	*Lemmus trimucronatus*	61396	AF No. = 61396	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78257	*Lemmus trimucronatus*	61649	AF No. = 61649	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78334	*Lemmus trimucronatus*	61657	AF No. = 61657	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78363	*Lemmus trimucronatus*	61661	AF No. = 61661	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78337	*Lemmus trimucronatus*	61668	AF No. = 61668	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78368	*Lemmus trimucronatus*	61679	AF No. = 61679	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78377	*Lemmus trimucronatus*	61795	AF No. = 61795	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78513	*Marmota broweri*	61786	AF No. = 61786	2002.32	68d 34m 9.3s N	152d 56m 10.1s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79182	*Marmota broweri*	61863	AF No. = 61863	2002.32	68d 34m 9.3s N	152d 56m 10.1s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79245	*Marmota broweri*	62040	AF No. = 62040	2002.32	68d 16m 41.11s N	150d 40m 15.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
82122	*Microtus miurus*	58227	AF No. = 58227	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82044	*Microtus miurus*	58229	AF No. = 58229	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82045	*Microtus miurus*	58231	AF No. = 58231	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82125	*Microtus miurus*	58232	AF No. = 58232	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82126	*Microtus miurus*	58233	AF No. = 58233	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	12-Jul-02
82127	*Microtus miurus*	58234	AF No. = 58234	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	12-Jul-02
82128	*Microtus miurus*	58235	AF No. = 58235	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	12-Jul-02
82129	*Microtus miurus*	58236	AF No. = 58236	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	12-Jul-02
82130	*Microtus miurus*	58237	AF No. = 58237	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	12-Jul-02
82131	*Microtus miurus*	58238	AF No. = 58238	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	12-Jul-02
82046	*Microtus miurus*	58239	AF No. = 58239	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	12-Jul-02
82132	*Microtus miurus*	58240	AF No. = 58240	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	12-Jul-02
82145	*Microtus miurus*	58271	AF No. = 58271	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	13-Jul-02
82146	*Microtus miurus*	58272	AF No. = 58272	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	13-Jul-02
82147	*Microtus miurus*	58273	AF No. = 58273	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	13-Jul-02
82148	*Microtus miurus*	58274	AF No. = 58274	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	13-Jul-02
82149	*Microtus miurus*	58275	AF No. = 58275	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	13-Jul-02
82197	*Microtus miurus*	58276	AF No. = 58276	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	13-Jul-02
82033	*Microtus miurus*	58277	AF No. = 58277	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	13-Jul-02
82054	*Microtus miurus*	58279	AF No. = 58279	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	13-Jul-02
82151	*Microtus miurus*	58280	AF No. = 58280	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	13-Jul-02
82152	*Microtus miurus*	58281	AF No. = 58281	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	13-Jul-02
82154	*Microtus miurus*	58283	AF No. = 58283	2002.31	68d 7m 11.5s N	154d 7m 41.4s W	Killik River	GAAR	450 m NE of Lake Tulilik	13-Jul-02
82057	*Microtus miurus*	58288	AF No. = 58288	2002.31	68d 7m 2.2s N	154d 6m 45.3s W	Killik River	GAAR	300 m NE of Lake Tulilik	13-Jul-02
82259	*Microtus miurus*	58292	AF No. = 58292	2002.31	68d 7m 2.2s N	154d 6m 45.3s W	Killik River	GAAR	300 m NE of Lake Tulilik	13-Jul-02
82163	*Microtus miurus*	58305	AF No. = 58305	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	14-Jul-02
82064	*Microtus miurus*	58306	AF No. = 58306	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	14-Jul-02
82164	*Microtus miurus*	58307	AF No. = 58307	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	14-Jul-02
82165	*Microtus miurus*	58308	AF No. = 58308	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	14-Jul-02
82166	*Microtus miurus*	58309	AF No. = 58309	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	14-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82264	*Microtus miurus*	58320	AF No. = 58320	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82179	*Microtus miurus*	58338	AF No. = 58338	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	15-Jul-02
82183	*Microtus miurus*	58342	AF No. = 58342	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	15-Jul-02
82186	*Microtus miurus*	58351	AF No. = 58351	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82187	*Microtus miurus*	58352	AF No. = 58352	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82083	*Microtus miurus*	58353	AF No. = 58353	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82188	*Microtus miurus*	58354	AF No. = 58354	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82189	*Microtus miurus*	58355	AF No. = 58355	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82084	*Microtus miurus*	58356	AF No. = 58356	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82087	*Microtus miurus*	58363	AF No. = 58363	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	16-Jul-02
82202	*Microtus miurus*	58367	AF No. = 58367	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	16-Jul-02
82203	*Microtus miurus*	58368	AF No. = 58368	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	16-Jul-02
82204	*Microtus miurus*	58369	AF No. = 58369	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	16-Jul-02
82205	*Microtus miurus*	58370	AF No. = 58370	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	16-Jul-02
82206	*Microtus miurus*	58374	AF No. = 58374	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82207	*Microtus miurus*	58375	AF No. = 58375	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82092	*Microtus miurus*	58376	AF No. = 58376	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82208	*Microtus miurus*	58377	AF No. = 58377	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82209	*Microtus miurus*	58378	AF No. = 58378	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82031	*Microtus miurus*	58379	AF No. = 58379	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82191	*Microtus miurus*	58380	AF No. = 58380	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82265	*Microtus miurus*	58383	AF No. = 58383	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	16-Jul-02
82219	*Microtus miurus*	58396	AF No. = 58396	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82220	*Microtus miurus*	58397	AF No. = 58397	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82221	*Microtus miurus*	58398	AF No. = 58398	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82222	*Microtus miurus*	58399	AF No. = 58399	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82223	*Microtus miurus*	58400	AF No. = 58400	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82227	*Microtus miurus*	58412	AF No. = 58412	2002.31	68d 6m 4s N	154d 8m 56.5s W	Killik River	GAAR	2 km SW of Lake Tulilik	17-Jul-02
82193	*Microtus miurus*	58413	AF No. = 58413	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	17-Jul-02
82228	*Microtus miurus*	58414	AF No. = 58414	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	17-Jul-02
82229	*Microtus miurus*	58415	AF No. = 58415	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	17-Jul-02
82230	*Microtus miurus*	58416	AF No. = 58416	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	17-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82231	*Microtus miurus*	58417	AF No. = 58417	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	17-Jul-02
81914	*Microtus miurus*	58441	AF No. = 58441	2002.31	67d 43m 17.4s N	156d 8m 14.5s W	Ambler River	GAAR and Preserve	unnamed stream at E side of Lake Isiak	20-Jul-02
81938	*Microtus miurus*	58448	AF No. = 58448	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81939	*Microtus miurus*	58449	AF No. = 58449	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81940	*Microtus miurus*	58450	AF No. = 58450	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81941	*Microtus miurus*	58451	AF No. = 58451	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81942	*Microtus miurus*	58452	AF No. = 58452	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81943	*Microtus miurus*	58453	AF No. = 58453	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81944	*Microtus miurus*	58454	AF No. = 58454	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81948	*Microtus miurus*	58458	AF No. = 58458	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	20-Jul-02
81949	*Microtus miurus*	58459	AF No. = 58459	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	20-Jul-02
81950	*Microtus miurus*	58460	AF No. = 58460	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	20-Jul-02
81951	*Microtus miurus*	58461	AF No. = 58461	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	20-Jul-02
81952	*Microtus miurus*	58462	AF No. = 58462	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	20-Jul-02
81953	*Microtus miurus*	58463	AF No. = 58463	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	20-Jul-02
81954	*Microtus miurus*	58464	AF No. = 58464	2002.31	67d 42m 56s N	156d 8m 58.7s W	Ambler River	GAAR and Preserve	SW side of Lake Isiak	20-Jul-02
81909	*Microtus miurus*	58466	AF No. = 58466	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81910	*Microtus miurus*	58467	AF No. = 58467	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	20-Jul-02
81915	*Microtus miurus*	58468	AF No. = 58468	2002.31	67d 43m 17.4s N	156d 8m 14.5s W	Ambler River	GAAR and Preserve	unnamed stream at E side of Lake Isiak	21-Jul-02
82028	*Microtus miurus*	58472	AF No. = 58472	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	21-Jul-02
81955	*Microtus miurus*	58475	AF No. = 58475	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	21-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
81956	*Microtus miurus*	58476	AF No. = 58476	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	21-Jul-02
81957	*Microtus miurus*	58477	AF No. = 58477	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	21-Jul-02
81958	*Microtus miurus*	58480	AF No. = 58480	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	21-Jul-02
81959	*Microtus miurus*	58481	AF No. = 58481	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	21-Jul-02
81960	*Microtus miurus*	58482	AF No. = 58482	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	21-Jul-02
81961	*Microtus miurus*	58483	AF No. = 58483	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	21-Jul-02
81919	*Microtus miurus*	58484	AF No. = 58484	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	21-Jul-02
81922	*Microtus miurus*	58488	AF No. = 58488	2002.31	67d 43m 17.4s N	156d 8m 14.5s W	Ambler River	GAAR and Preserve	unnamed stream at E side of Lake Isiak	22-Jul-02
81963	*Microtus miurus*	58492	AF No. = 58492	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	22-Jul-02
81964	*Microtus miurus*	58493	AF No. = 58493	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	22-Jul-02
81965	*Microtus miurus*	58494	AF No. = 58494	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	22-Jul-02
81966	*Microtus miurus*	58495	AF No. = 58495	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	22-Jul-02
81968	*Microtus miurus*	58497	AF No. = 58497	2002.31	67d 43m 19.7s N	156d 3m 53.2s W	Ambler River	GAAR and Preserve	2.5 km NW of Lake Isiak	23-Jul-02
81969	*Microtus miurus*	58499	AF No. = 58499	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	22-Jul-02
81971	*Microtus miurus*	58504	AF No. = 58504	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	22-Jul-02
81972	*Microtus miurus*	58505	AF No. = 58505	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	22-Jul-02
81973	*Microtus miurus*	58508	AF No. = 58508	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
81974	*Microtus miurus*	58509	AF No. = 58509	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
81924	*Microtus miurus*	58510	AF No. = 58510	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
81976	*Microtus miurus*	58514	AF No. = 58514	2002.31	67d 43m 37.3s N	156d 9m 42.2s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
81977	*Microtus miurus*	58516	AF No. = 58516	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	23-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
81978	*Microtus miurus*	58517	AF No. = 58517	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	23-Jul-02
81926	*Microtus miurus*	58518	AF No. = 58518	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	23-Jul-02
81979	*Microtus miurus*	58520	AF No. = 58520	2002.31	67d 43m 17.3s N	156d 7m 59.9s W	Ambler River	GAAR and Preserve	0.25 km NE of unnamed stream into Lake Isiak	23-Jul-02
81981	*Microtus miurus*	58522	AF No. = 58522	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	23-Jul-02
81928	*Microtus miurus*	58524	AF No. = 58524	2002.31	67d 43m 15.5s N	156d 3m 37.9s W	Ambler River	GAAR and Preserve	unnamed stream 2.5 km NW of Lake Isiak	23-Jul-02
81985	*Microtus miurus*	58533	AF No. = 58533	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
81986	*Microtus miurus*	58534	AF No. = 58534	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
81987	*Microtus miurus*	58536	AF No. = 58536	2002.31	67d 43m 37.3s N	156d 9m 42.2s W	Ambler River	GAAR and Preserve	N of Lake Isiak	23-Jul-02
81929	*Microtus miurus*	58537	AF No. = 58537	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	23-Jul-02
81930	*Microtus miurus*	58538	AF No. = 58538	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	23-Jul-02
81931	*Microtus miurus*	58539	AF No. = 58539	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	23-Jul-02
81932	*Microtus miurus*	58540	AF No. = 58540	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	23-Jul-02
81988	*Microtus miurus*	58541	AF No. = 58541	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	23-Jul-02
81912	*Microtus miurus*	58545	AF No. = 58545	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	23-Jul-02
82030	*Microtus miurus*	58547	AF No. = 58547	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	24-Jul-02
81992	*Microtus miurus*	58549	AF No. = 58549	2002.31	67d 43m 17.3s N	156d 7m 59.9s W	Ambler River	GAAR and Preserve	0.25 km NE of unnamed stream into Lake Isiak	24-Jul-02
81993	*Microtus miurus*	58551	AF No. = 58551	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	24-Jul-02
81994	*Microtus miurus*	58552	AF No. = 58552	2002.31	67d 43m 19.7s N	156d 7m 53.6s W	Ambler River	GAAR and Preserve	0.5 km of drainage of unnamed stream into Lake Isiak	24-Jul-02
81995	*Microtus miurus*	58553	AF No. = 58553	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	24-Jul-02
81996	*Microtus miurus*	58556	AF No. = 58556	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	25-Jul-02
81997	*Microtus miurus*	58557	AF No. = 58557	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	25-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
81998	*Microtus miurus*	58558	AF No. = 58558	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	25-Jul-02
79610	*Microtus miurus*	58682	AF No. = 58682	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79693	*Microtus miurus*	58729	AF No. = 58729	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
79796	*Microtus miurus*	58762	AF No. = 58762	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	30-Jul-02
79637	*Microtus miurus*	58813	AF No. = 58813	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
79805	*Microtus miurus*	58815	AF No. = 58815	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
79111	*Microtus miurus*	59900	AF No. = 59900	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79134	*Microtus miurus*	59903	AF No. = 59903	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79135	*Microtus miurus*	59906	AF No. = 59906	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79136	*Microtus miurus*	59907	AF No. = 59907	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79137	*Microtus miurus*	59908	AF No. = 59908	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79138	*Microtus miurus*	59909	AF No. = 59909	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79225	*Microtus miurus*	59911	AF No. = 59911	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79153	*Microtus miurus*	59928	AF No. = 59928	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79140	*Microtus miurus*	59933	AF No. = 59933	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79112	*Microtus miurus*	59934	AF No. = 59934	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79141	*Microtus miurus*	59935	AF No. = 59935	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79113	*Microtus miurus*	59936	AF No. = 59936	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79139	*Microtus miurus*	59954	AF No. = 59954	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79082	*Microtus miurus*	59956	AF No. = 59956	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79083	*Microtus miurus*	59957	AF No. = 59957	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79084	*Microtus miurus*	59958	AF No. = 59958	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79086	*Microtus miurus*	59960	AF No. = 59960	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79087	*Microtus miurus*	59961	AF No. = 59961	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79089	*Microtus miurus*	59963	AF No. = 59963	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79090	*Microtus miurus*	59964	AF No. = 59964	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79091	*Microtus miurus*	59965	AF No. = 59965	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79077	*Microtus miurus*	59968	AF No. = 59968	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79078	*Microtus miurus*	59969	AF No. = 59969	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79079	*Microtus miurus*	59970	AF No. = 59970	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79080	*Microtus miurus*	59971	AF No. = 59971	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79081	*Microtus miurus*	59972	AF No. = 59972	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79095	*Microtus miurus*	59973	AF No. = 59973	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79096	*Microtus miurus*	59974	AF No. = 59974	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79097	*Microtus miurus*	59975	AF No. = 59975	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79098	*Microtus miurus*	59976	AF No. = 59976	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79099	*Microtus miurus*	59977	AF No. = 59977	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79100	*Microtus miurus*	59978	AF No. = 59978	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79093	*Microtus miurus*	59980	AF No. = 59980	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79094	*Microtus miurus*	59981	AF No. = 59981	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79226	*Microtus miurus*	59985	AF No. = 59985	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79239	*Microtus miurus*	59989	AF No. = 59989	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79237	*Microtus miurus*	59990	AF No. = 59990	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79238	*Microtus miurus*	59991	AF No. = 59991	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79232	*Microtus miurus*	59992	AF No. = 59992	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79233	*Microtus miurus*	59993	AF No. = 59993	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79234	*Microtus miurus*	59994	AF No. = 59994	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79240	*Microtus miurus*	59995	AF No. = 59995	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79235	*Microtus miurus*	59998	AF No. = 59998	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
79236	*Microtus miurus*	59999	AF No. = 59999	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78774	*Microtus miurus*	61006	AF No. = 61006	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78776	*Microtus miurus*	61009	AF No. = 61009	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78777	*Microtus miurus*	61010	AF No. = 61010	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78779	*Microtus miurus*	61012	AF No. = 61012	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78780	*Microtus miurus*	61013	AF No. = 61013	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78781	*Microtus miurus*	61014	AF No. = 61014	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78782	*Microtus miurus*	61015	AF No. = 61015	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78783	*Microtus miurus*	61016	AF No. = 61016	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78784	*Microtus miurus*	61017	AF No. = 61017	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78785	*Microtus miurus*	61018	AF No. = 61018	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78786	*Microtus miurus*	61019	AF No. = 61019	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78787	*Microtus miurus*	61020	AF No. = 61020	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78788	*Microtus miurus*	61021	AF No. = 61021	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78729	*Microtus miurus*	61022	AF No. = 61022	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78730	*Microtus miurus*	61023	AF No. = 61023	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78731	*Microtus miurus*	61024	AF No. = 61024	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78732	*Microtus miurus*	61025	AF No. = 61025	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78733	*Microtus miurus*	61026	AF No. = 61026	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78734	*Microtus miurus*	61027	AF No. = 61027	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78735	*Microtus miurus*	61028	AF No. = 61028	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78792	*Microtus miurus*	61035	AF No. = 61035	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78793	*Microtus miurus*	61036	AF No. = 61036	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78794	*Microtus miurus*	61037	AF No. = 61037	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78795	*Microtus miurus*	61038	AF No. = 61038	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78796	*Microtus miurus*	61039	AF No. = 61039	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78797	*Microtus miurus*	61040	AF No. = 61040	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78801	*Microtus miurus*	61044	AF No. = 61044	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78737	*Microtus miurus*	61045	AF No. = 61045	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78738	*Microtus miurus*	61046	AF No. = 61046	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78739	*Microtus miurus*	61047	AF No. = 61047	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78699	*Microtus miurus*	61049	AF No. = 61049	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78704	*Microtus miurus*	61053	AF No. = 61053	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78705	*Microtus miurus*	61054	AF No. = 61054	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78802	*Microtus miurus*	61058	AF No. = 61058	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78803	*Microtus miurus*	61059	AF No. = 61059	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78804	*Microtus miurus*	61060	AF No. = 61060	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78805	*Microtus miurus*	61062	AF No. = 61062	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78806	*Microtus miurus*	61063	AF No. = 61063	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78807	*Microtus miurus*	61064	AF No. = 61064	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78808	*Microtus miurus*	61065	AF No. = 61065	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78809	*Microtus miurus*	61066	AF No. = 61066	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78810	*Microtus miurus*	61067	AF No. = 61067	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78811	*Microtus miurus*	61068	AF No. = 61068	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78812	*Microtus miurus*	61069	AF No. = 61069	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78813	*Microtus miurus*	61070	AF No. = 61070	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78814	*Microtus miurus*	61071	AF No. = 61071	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78815	*Microtus miurus*	61072	AF No. = 61072	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78816	*Microtus miurus*	61073	AF No. = 61073	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78817	*Microtus miurus*	61074	AF No. = 61074	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78818	*Microtus miurus*	61075	AF No. = 61075	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78819	*Microtus miurus*	61076	AF No. = 61076	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78820	*Microtus miurus*	61077	AF No. = 61077	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78821	*Microtus miurus*	61078	AF No. = 61078	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78822	*Microtus miurus*	61079	AF No. = 61079	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78823	*Microtus miurus*	61080	AF No. = 61080	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78824	*Microtus miurus*	61081	AF No. = 61081	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78825	*Microtus miurus*	61082	AF No. = 61082	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78826	*Microtus miurus*	61083	AF No. = 61083	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78827	*Microtus miurus*	61084	AF No. = 61084	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78740	*Microtus miurus*	61085	AF No. = 61085	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78741	*Microtus miurus*	61086	AF No. = 61086	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78742	*Microtus miurus*	61087	AF No. = 61087	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78743	*Microtus miurus*	61088	AF No. = 61088	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78744	*Microtus miurus*	61089	AF No. = 61089	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78745	*Microtus miurus*	61090	AF No. = 61090	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78746	*Microtus miurus*	61091	AF No. = 61091	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78747	*Microtus miurus*	61092	AF No. = 61092	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78700	*Microtus miurus*	61094	AF No. = 61094	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78748	*Microtus miurus*	61095	AF No. = 61095	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78749	*Microtus miurus*	61096	AF No. = 61096	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78750	*Microtus miurus*	61097	AF No. = 61097	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78828	*Microtus miurus*	61098	AF No. = 61098	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78751	*Microtus miurus*	61100	AF No. = 61100	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78752	*Microtus miurus*	61101	AF No. = 61101	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78753	*Microtus miurus*	61102	AF No. = 61102	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78754	*Microtus miurus*	61103	AF No. = 61103	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78755	*Microtus miurus*	61104	AF No. = 61104	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78756	*Microtus miurus*	61105	AF No. = 61105	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78757	*Microtus miurus*	61106	AF No. = 61106	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
79192	*Microtus miurus*	61107	AF No. = 61107	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
79193	*Microtus miurus*	61108	AF No. = 61108	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
79194	*Microtus miurus*	61109	AF No. = 61109	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
79195	*Microtus miurus*	61110	AF No. = 61110	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78758	*Microtus miurus*	61120	AF No. = 61120	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78759	*Microtus miurus*	61121	AF No. = 61121	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78760	*Microtus miurus*	61122	AF No. = 61122	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78764	*Microtus miurus*	61126	AF No. = 61126	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78765	*Microtus miurus*	61127	AF No. = 61127	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78766	*Microtus miurus*	61128	AF No. = 61128	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78831	*Microtus miurus*	61131	AF No. = 61131	2002.32	68d 4m 39.2s N	152d 55m 27.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78767	*Microtus miurus*	61132	AF No. = 61132	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78768	*Microtus miurus*	61133	AF No. = 61133	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78769	*Microtus miurus*	61134	AF No. = 61134	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78770	*Microtus miurus*	61135	AF No. = 61135	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78832	*Microtus miurus*	61136	AF No. = 61136	2002.32	68d 4m 39.2s N	152d 55m 27.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78771	*Microtus miurus*	61137	AF No. = 61137	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78772	*Microtus miurus*	61138	AF No. = 61138	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78834	*Microtus miurus*	61139	AF No. = 61139	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78835	*Microtus miurus*	61140	AF No. = 61140	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78836	*Microtus miurus*	61141	AF No. = 61141	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78837	*Microtus miurus*	61142	AF No. = 61142	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78838	*Microtus miurus*	61143	AF No. = 61143	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78839	*Microtus miurus*	61144	AF No. = 61144	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78840	*Microtus miurus*	61145	AF No. = 61145	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78841	*Microtus miurus*	61146	AF No. = 61146	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78842	*Microtus miurus*	61147	AF No. = 61147	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78843	*Microtus miurus*	61148	AF No. = 61148	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78844	*Microtus miurus*	61149	AF No. = 61149	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78845	*Microtus miurus*	61150	AF No. = 61150	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78846	*Microtus miurus*	61151	AF No. = 61151	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78847	*Microtus miurus*	61152	AF No. = 61152	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78848	*Microtus miurus*	61153	AF No. = 61153	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78849	*Microtus miurus*	61154	AF No. = 61154	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78850	*Microtus miurus*	61155	AF No. = 61155	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78851	*Microtus miurus*	61156	AF No. = 61156	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78852	*Microtus miurus*	61157	AF No. = 61157	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78853	*Microtus miurus*	61158	AF No. = 61158	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78854	*Microtus miurus*	61159	AF No. = 61159	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78855	*Microtus miurus*	61161	AF No. = 61161	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78856	*Microtus miurus*	61162	AF No. = 61162	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78857	*Microtus miurus*	61163	AF No. = 61163	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78858	*Microtus miurus*	61164	AF No. = 61164	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78859	*Microtus miurus*	61165	AF No. = 61165	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78860	*Microtus miurus*	61166	AF No. = 61166	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78861	*Microtus miurus*	61167	AF No. = 61167	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78862	*Microtus miurus*	61168	AF No. = 61168	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78867	*Microtus miurus*	61173	AF No. = 61173	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78869	*Microtus miurus*	61175	AF No. = 61175	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78865	*Microtus miurus*	61176	AF No. = 61176	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78866	*Microtus miurus*	61177	AF No. = 61177	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78870	*Microtus miurus*	61178	AF No. = 61178	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78874	*Microtus miurus*	61181	AF No. = 61181	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78875	*Microtus miurus*	61183	AF No. = 61183	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78876	*Microtus miurus*	61184	AF No. = 61184	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78773	*Microtus miurus*	61185	AF No. = 61185	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78833	*Microtus miurus*	61188	AF No. = 61188	2002.32	68d 4m 39.2s N	152d 55m 27.8s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78877	*Microtus miurus*	61189	AF No. = 61189	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78878	*Microtus miurus*	61190	AF No. = 61190	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78879	*Microtus miurus*	61191	AF No. = 61191	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78880	*Microtus miurus*	61192	AF No. = 61192	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78881	*Microtus miurus*	61193	AF No. = 61193	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78882	*Microtus miurus*	61194	AF No. = 61194	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78883	*Microtus miurus*	61195	AF No. = 61195	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78884	*Microtus miurus*	61196	AF No. = 61196	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78885	*Microtus miurus*	61197	AF No. = 61197	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78886	*Microtus miurus*	61198	AF No. = 61198	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78872	*Microtus miurus*	61199	AF No. = 61199	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
79177	*Microtus miurus*	61202	AF No. = 61202	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
79178	*Microtus miurus*	61203	AF No. = 61203	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
79179	*Microtus miurus*	61204	AF No. = 61204	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
79180	*Microtus miurus*	61205	AF No. = 61205	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
79181	*Microtus miurus*	61206	AF No. = 61206	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78692	*Microtus miurus*	61380	AF No. = 61380; U.S. Natl. Parasite Collection = 94144	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78424	*Microtus miurus*	61695	AF No. = 61695	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78425	*Microtus miurus*	61709	AF No. = 61709	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78426	*Microtus miurus*	61710	AF No. = 61710	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78378	*Microtus miurus*	61712	AF No. = 61712	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78379	*Microtus miurus*	61713	AF No. = 61713	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78380	*Microtus miurus*	61714	AF No. = 61714	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78381	*Microtus miurus*	61715	AF No. = 61715; U.S. Natl. Parasite Collection = 94143	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78382	*Microtus miurus*	61716	AF No. = 61716	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78427	*Microtus miurus*	61717	AF No. = 61717	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78428	*Microtus miurus*	61718	AF No. = 61718	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78437	*Microtus miurus*	61719	AF No. = 61719	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78438	*Microtus miurus*	61720	AF No. = 61720	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78429	*Microtus miurus*	61721	AF No. = 61721	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78383	*Microtus miurus*	61722	AF No. = 61722	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78384	*Microtus miurus*	61723	AF No. = 61723	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78385	*Microtus miurus*	61724	AF No. = 61724	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78386	*Microtus miurus*	61725	AF No. = 61725	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78387	*Microtus miurus*	61726	AF No. = 61726	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78388	*Microtus miurus*	61727	AF No. = 61727	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78389	*Microtus miurus*	61728	AF No. = 61728	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78390	*Microtus miurus*	61729	AF No. = 61729	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78391	*Microtus miurus*	61730	AF No. = 61730	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78392	*Microtus miurus*	61731	AF No. = 61731	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78393	*Microtus miurus*	61732	AF No. = 61732	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78394	*Microtus miurus*	61733	AF No. = 61733	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78395	*Microtus miurus*	61734	AF No. = 61734	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78396	*Microtus miurus*	61735	AF No. = 61735	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78397	*Microtus miurus*	61736	AF No. = 61736	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78430	*Microtus miurus*	61740	AF No. = 61740	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78432	*Microtus miurus*	61742	AF No. = 61742	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78440	*Microtus miurus*	61744	AF No. = 61744	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78441	*Microtus miurus*	61745	AF No. = 61745	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78442	*Microtus miurus*	61746	AF No. = 61746	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78443	*Microtus miurus*	61747	AF No. = 61747	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78444	*Microtus miurus*	61748	AF No. = 61748	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78398	*Microtus miurus*	61749	AF No. = 61749	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78399	*Microtus miurus*	61750	AF No. = 61750	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78400	*Microtus miurus*	61751	AF No. = 61751	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78401	*Microtus miurus*	61752	AF No. = 61752	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78402	*Microtus miurus*	61753	AF No. = 61753	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78403	*Microtus miurus*	61754	AF No. = 61754	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78404	*Microtus miurus*	61755	AF No. = 61755	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78405	*Microtus miurus*	61756	AF No. = 61756	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78406	*Microtus miurus*	61757	AF No. = 61757	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78407	*Microtus miurus*	61758	AF No. = 61758	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78408	*Microtus miurus*	61759	AF No. = 61759	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78409	*Microtus miurus*	61760	AF No. = 61760	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78458	*Microtus miurus*	61763	AF No. = 61763	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78410	*Microtus miurus*	61766	AF No. = 61766	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78464	*Microtus miurus*	61770	AF No. = 61770	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78433	*Microtus miurus*	61772	AF No. = 61772	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78446	*Microtus miurus*	61773	AF No. = 61773	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78447	*Microtus miurus*	61774	AF No. = 61774	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78448	*Microtus miurus*	61775	AF No. = 61775	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78411	*Microtus miurus*	61779	AF No. = 61779	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78412	*Microtus miurus*	61780	AF No. = 61780	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78413	*Microtus miurus*	61781	AF No. = 61781	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78454	*Microtus miurus*	61783	AF No. = 61783	2002.32	68d 34m 17.6s N	152d 57m 34.2s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78420	*Microtus miurus*	61784	AF No. = 61784	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78415	*Microtus miurus*	61787	AF No. = 61787	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78416	*Microtus miurus*	61788	AF No. = 61788	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78421	*Microtus miurus*	61789	AF No. = 61789	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78423	*Microtus miurus*	61792	AF No. = 61792	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78417	*Microtus miurus*	61793	AF No. = 61793	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78418	*Microtus miurus*	61798	AF No. = 61798	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78422	*Microtus miurus*	61799	AF No. = 61799	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78419	*Microtus miurus*	61800	AF No. = 61800	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78492	*Microtus miurus*	61804	AF No. = 61804	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78493	*Microtus miurus*	61805	AF No. = 61805	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78494	*Microtus miurus*	61806	AF No. = 61806	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78495	*Microtus miurus*	61807	AF No. = 61807	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78496	*Microtus miurus*	61808	AF No. = 61808	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78497	*Microtus miurus*	61809	AF No. = 61809	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78498	*Microtus miurus*	61810	AF No. = 61810	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78499	*Microtus miurus*	61811	AF No. = 61811	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78500	*Microtus miurus*	61812	AF No. = 61812	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78501	*Microtus miurus*	61813	AF No. = 61813	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78502	*Microtus miurus*	61814	AF No. = 61814	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78503	*Microtus miurus*	61815	AF No. = 61815	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78504	*Microtus miurus*	61816	AF No. = 61816	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78480	*Microtus miurus*	61817	AF No. = 61817	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78505	*Microtus miurus*	61818	AF No. = 61818	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78482	*Microtus miurus*	61821	AF No. = 61821	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78484	*Microtus miurus*	61823	AF No. = 61823	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78486	*Microtus miurus*	61825	AF No. = 61825	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78487	*Microtus miurus*	61826	AF No. = 61826	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78488	*Microtus miurus*	61827	AF No. = 61827	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78489	*Microtus miurus*	61828	AF No. = 61828	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78436	*Microtus miurus*	61836	AF No. = 61836	2002.32	68d 34m 39.9s N	152d 57m 27.1s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78472	*Microtus miurus*	61837	AF No. = 61837	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78456	*Microtus miurus*	61842	AF No. = 61842	2002.32	68d 34m 17.6s N	152d 57m 34.2s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78449	*Microtus miurus*	61843	AF No. = 61843	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78450	*Microtus miurus*	61844	AF No. = 61844	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78478	*Microtus miurus*	61847	AF No. = 61847	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78491	*Microtus miurus*	61848	AF No. = 61848	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79169	*Microtus miurus*	61850	AF No. = 61850	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79170	*Microtus miurus*	61851	AF No. = 61851	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79171	*Microtus miurus*	61852	AF No. = 61852	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79175	*Microtus miurus*	61854	AF No. = 61854	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79166	*Microtus miurus*	61857	AF No. = 61857	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79167	*Microtus miurus*	61858	AF No. = 61858	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79172	*Microtus miurus*	61860	AF No. = 61860	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79162	*Microtus miurus*	61866	AF No. = 61866	2002.32	68d 34m 26.2s N	152d 58m 1s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79161	*Microtus miurus*	61867	AF No. = 61867	2002.32	68d 34m 26.2s N	152d 58m 1s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79002	*Microtus miurus*	61877	AF No. = 61877; U.S. Natl. Parasite Collection = 94145	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79003	*Microtus miurus*	61878	AF No. = 61878	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79012	*Microtus miurus*	61879	AF No. = 61879	2002.32	68d 16m 35.5s N	150d 39m 7.8s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79017	*Microtus miurus*	61880	AF No. = 61880	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79018	*Microtus miurus*	61881	AF No. = 61881	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78988	*Microtus miurus*	61892	AF No. = 61892	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78989	*Microtus miurus*	61893	AF No. = 61893	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78990	*Microtus miurus*	61894	AF No. = 61894	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78991	*Microtus miurus*	61895	AF No. = 61895	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79013	*Microtus miurus*	61899	AF No. = 61899	2002.32	68d 16m 35.5s N	150d 39m 7.8s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79020	*Microtus miurus*	61900	AF No. = 61900	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79021	*Microtus miurus*	61901	AF No. = 61901	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79022	*Microtus miurus*	61902	AF No. = 61902	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79023	*Microtus miurus*	61903	AF No. = 61903	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79024	*Microtus miurus*	61904	AF No. = 61904	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79025	*Microtus miurus*	61905	AF No. = 61905	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79026	*Microtus miurus*	61906	AF No. = 61906	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79001	*Microtus miurus*	61928	AF No. = 61928	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79029	*Microtus miurus*	61929	AF No. = 61929	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79030	*Microtus miurus*	61930	AF No. = 61930	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79033	*Microtus miurus*	61933	AF No. = 61933	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79044	*Microtus miurus*	61935	AF No. = 61935	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79045	*Microtus miurus*	61936	AF No. = 61936	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78983	*Microtus miurus*	61941	AF No. = 61941	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79004	*Microtus miurus*	61958	AF No. = 61958	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79005	*Microtus miurus*	61959	AF No. = 61959	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79006	*Microtus miurus*	61960	AF No. = 61960	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79007	*Microtus miurus*	61961	AF No. = 61961	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79008	*Microtus miurus*	61962	AF No. = 61962	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79014	*Microtus miurus*	61963	AF No. = 61963	2002.32	68d 16m 35.5s N	150d 39m 7.8s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79015	*Microtus miurus*	61964	AF No. = 61964	2002.32	68d 16m 35.5s N	150d 39m 7.8s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79046	*Microtus miurus*	61965	AF No. = 61965	2002.32	68d 16m 30.5s N	150d 39m 17.1s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79010	*Microtus miurus*	61966	AF No. = 61966	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79038	*Microtus miurus*	61971	AF No. = 61971	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78994	*Microtus miurus*	61974	AF No. = 61974	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78995	*Microtus miurus*	61975	AF No. = 61975	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78998	*Microtus miurus*	61978	AF No. = 61978	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78999	*Microtus miurus*	61979	AF No. = 61979	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79243	*Microtus miurus*	61985	AF No. = 61985	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79199	*Microtus miurus*	61990	AF No. = 61990	2002.32	68d 34m 26.2s N	152d 58m 1s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79202	*Microtus miurus*	61991	AF No. = 61991	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79203	*Microtus miurus*	61992	AF No. = 61992	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
79204	*Microtus miurus*	61993	AF No. = 61993	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
79205	*Microtus miurus*	61994	AF No. = 61994	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
79200	*Microtus miurus*	61995	AF No. = 61995	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
79201	*Microtus miurus*	61996	AF No. = 61996	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
79196	*Microtus miurus*	61997	AF No. = 61997	2002.32	68d 34m 39.9s N	152d 57m 27.1s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79198	*Microtus miurus*	61998	AF No. = 61998	2002.32	68d 34m 17.6s N	152d 57m 34.2s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79197	*Microtus miurus*	61999	AF No. = 61999	2002.32	68d 34m 19.7s N	152d 57m 20.9s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79047	*Microtus miurus*	62013	AF No. = 62013	2002.32	68d 16m 30.5s N	150d 39m 17.1s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79048	*Microtus miurus*	62014	AF No. = 62014	2002.32	68d 16m 30.5s N	150d 39m 17.1s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79016	*Microtus miurus*	62015	AF No. = 62015	2002.32	68d 16m 35.5s N	150d 39m 7.8s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79011	*Microtus miurus*	62016	AF No. = 62016	2002.32	68d 16m 25.4s N	150d 39m 17.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79041	*Microtus miurus*	62046	AF No. = 62046	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79050	*Microtus miurus*	62047	AF No. = 62047	2002.32	68d 16m 44.8s N	150d 39m 12.2s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79051	*Microtus miurus*	62048	AF No. = 62048	2002.32	68d 16m 44.8s N	150d 39m 12.2s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79052	*Microtus miurus*	62049	AF No. = 62049	2002.32	68d 16m 44.8s N	150d 39m 12.2s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79053	*Microtus miurus*	62050	AF No. = 62050	2002.32	68d 16m 44.8s N	150d 39m 12.2s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79054	*Microtus miurus*	62051	AF No. = 62051	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79055	*Microtus miurus*	62052	AF No. = 62052	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79056	*Microtus miurus*	62053	AF No. = 62053	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79057	*Microtus miurus*	62054	AF No. = 62054	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79058	*Microtus miurus*	62055	AF No. = 62055	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79060	*Microtus miurus*	62057	AF No. = 62057	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79061	*Microtus miurus*	62058	AF No. = 62058	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79062	*Microtus miurus*	62059	AF No. = 62059	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79063	*Microtus miurus*	62060	AF No. = 62060	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79064	*Microtus miurus*	62061	AF No. = 62061	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79065	*Microtus miurus*	62062	AF No. = 62062	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79066	*Microtus miurus*	62063	AF No. = 62063	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79049	*Microtus miurus*	62065	AF No. = 62065	2002.32	68d 16m 30.5s N	150d 39m 17.1s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79068	*Microtus miurus*	62072	AF No. = 62072	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79069	*Microtus miurus*	62073	AF No. = 62073	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79071	*Microtus miurus*	62075	AF No. = 62075	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79072	*Microtus miurus*	62076	AF No. = 62076	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79073	*Microtus miurus*	62077	AF No. = 62077	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79074	*Microtus miurus*	62078	AF No. = 62078	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79076	*Microtus miurus*	62080	AF No. = 62080	2002.32	68d 16m 28.1s N	150d 40m 3s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
82107	*Microtus oeconomus*	58205	AF No. = 58205	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82108	*Microtus oeconomus*	58206	AF No. = 58206	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82109	*Microtus oeconomus*	58207	AF No. = 58207	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82037	*Microtus oeconomus*	58208	AF No. = 58208	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82038	*Microtus oeconomus*	58209	AF No. = 58209	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82110	*Microtus oeconomus*	58210	AF No. = 58210	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82111	*Microtus oeconomus*	58211	AF No. = 58211	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82112	*Microtus oeconomus*	58212	AF No. = 58212	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82113	*Microtus oeconomus*	58213	AF No. = 58213	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82118	*Microtus oeconomus*	58222	AF No. = 58222	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82043	*Microtus oeconomus*	58223	AF No. = 58223	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82119	*Microtus oeconomus*	58224	AF No. = 58224	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82120	*Microtus oeconomus*	58225	AF No. = 58225	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82121	*Microtus oeconomus*	58226	AF No. = 58226	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82123	*Microtus oeconomus*	58228	AF No. = 58228	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82124	*Microtus oeconomus*	58230	AF No. = 58230	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	12-Jul-02
82133	*Microtus oeconomus*	58241	AF No. = 58241	2002.31	68d 7m 11.5s N	154d 7m 41.4s W	Killik River	GAAR	450 m NE of Lake Tulilik	12-Jul-02
82253	*Microtus oeconomus*	58243	AF No. = 58243	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82254	*Microtus oeconomus*	58244	AF No. = 58244	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82255	*Microtus oeconomus*	58250	AF No. = 58250	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82136	*Microtus oeconomus*	58254	AF No. = 58254	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82049	*Microtus oeconomus*	58255	AF No. = 58255	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82050	*Microtus oeconomus*	58256	AF No. = 58256	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82051	*Microtus oeconomus*	58257	AF No. = 58257	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82137	*Microtus oeconomus*	58258	AF No. = 58258	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82052	*Microtus oeconomus*	58259	AF No. = 58259	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82138	*Microtus oeconomus*	58260	AF No. = 58260	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82139	*Microtus oeconomus*	58261	AF No. = 58261	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82140	*Microtus oeconomus*	58262	AF No. = 58262	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82034	*Microtus oeconomus*	58263	AF No. = 58263	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82196	*Microtus oeconomus*	58268	AF No. = 58268	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	13-Jul-02
82143	*Microtus oeconomus*	58269	AF No. = 58269	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	13-Jul-02
82144	*Microtus oeconomus*	58270	AF No. = 58270	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	13-Jul-02
82153	*Microtus oeconomus*	58282	AF No. = 58282	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	400 m N of Lake Tulilik	13-Jul-02
82055	*Microtus oeconomus*	58284	AF No. = 58284	2002.31	68d 7m 11.5s N	154d 7m 41.4s W	Killik River	GAAR	450 m NE of Lake Tulilik	14-Jul-02
82056	*Microtus oeconomus*	58285	AF No. = 58285	2002.31	68d 7m 11.5s N	154d 7m 41.4s W	Killik River	GAAR	450 m NE of Lake Tulilik	14-Jul-02
82258	*Microtus oeconomus*	58291	AF No. = 58291	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82260	*Microtus oeconomus*	58293	AF No. = 58293	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82059	*Microtus oeconomus*	58294	AF No. = 58294	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82158	*Microtus oeconomus*	58295	AF No. = 58295	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82159	*Microtus oeconomus*	58296	AF No. = 58296	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82160	*Microtus oeconomus*	58297	AF No. = 58297	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82060	*Microtus oeconomus*	58298	AF No. = 58298	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82161	*Microtus oeconomus*	58299	AF No. = 58299	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82032	*Microtus oeconomus*	58300	AF No. = 58300	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82167	*Microtus oeconomus*	58310	AF No. = 58310	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	13-Jul-02
82168	*Microtus oeconomus*	58311	AF No. = 58311	2002.31	68d 7m 11.5s N	154d 7m 41.4s W	Killik River	GAAR	450 m NE of Lake Tulilik	14-Jul-02
82065	*Microtus oeconomus*	58312	AF No. = 58312	2002.31	68d 7m 11.5s N	154d 7m 41.4s W	Killik River	GAAR	450 m NE of Lake Tulilik	14-Jul-02
82261	*Microtus oeconomus*	58317	AF No. = 58317	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82263	*Microtus oeconomus*	58319	AF No. = 58319	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82074	*Microtus oeconomus*	58325	AF No. = 58325	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82169	*Microtus oeconomus*	58326	AF No. = 58326	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82170	*Microtus oeconomus*	58327	AF No. = 58327	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82075	*Microtus oeconomus*	58328	AF No. = 58328	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82076	*Microtus oeconomus*	58329	AF No. = 58329	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82171	*Microtus oeconomus*	58330	AF No. = 58330	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82172	*Microtus oeconomus*	58331	AF No. = 58331	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82173	*Microtus oeconomus*	58332	AF No. = 58332	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82174	*Microtus oeconomus*	58333	AF No. = 58333	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82178	*Microtus oeconomus*	58337	AF No. = 58337	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	15-Jul-02
82180	*Microtus oeconomus*	58339	AF No. = 58339	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	15-Jul-02
82181	*Microtus oeconomus*	58340	AF No. = 58340	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	15-Jul-02
82182	*Microtus oeconomus*	58341	AF No. = 58341	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	15-Jul-02
82077	*Microtus oeconomus*	58344	AF No. = 58344	2002.31	68d 6m 23.2s N	154d 8m 31.7s W	Killik River	GAAR	1.25 km SW of Lake Tulilik	15-Jul-02
82078	*Microtus oeconomus*	58345	AF No. = 58345	2002.31	68d 6m 29.5s N	154d 8m 22s W	Killik River	GAAR	1 km SW of Lake Tulilik	15-Jul-02
82185	*Microtus oeconomus*	58346	AF No. = 58346	2002.31	68d 6m 4s N	154d 8m 56.5s W	Killik River	GAAR	2 km SW of Lake Tulilik	15-Jul-02
82079	*Microtus oeconomus*	58347	AF No. = 58347	2002.31	68d 6m 4s N	154d 8m 56.5s W	Killik River	GAAR	2 km SW of Lake Tulilik	15-Jul-02
82080	*Microtus oeconomus*	58348	AF No. = 58348	2002.31	68d 6m 4s N	154d 8m 56.5s W	Killik River	GAAR	2 km SW of Lake Tulilik	15-Jul-02
82081	*Microtus oeconomus*	58349	AF No. = 58349	2002.31	68d 6m 4s N	154d 8m 56.5s W	Killik River	GAAR	2 km SW of Lake Tulilik	15-Jul-02
82082	*Microtus oeconomus*	58350	AF No. = 58350	2002.31	68d 6m 16.7s N	154d 8m 54.7s W	Killik River	GAAR	1.75 km SW of Lake Tulilik	15-Jul-02
82198	*Microtus oeconomus*	58358	AF No. = 58358	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	16-Jul-02
82199	*Microtus oeconomus*	58359	AF No. = 58359	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	16-Jul-02
82200	*Microtus oeconomus*	58360	AF No. = 58360	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	16-Jul-02
82085	*Microtus oeconomus*	58361	AF No. = 58361	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	16-Jul-02
82088	*Microtus oeconomus*	58365	AF No. = 58365	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	16-Jul-02
82201	*Microtus oeconomus*	58366	AF No. = 58366	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	16-Jul-02
82090	*Microtus oeconomus*	58372	AF No. = 58372	2002.31	68d 6m 29.5s N	154d 8m 22s W	Killik River	GAAR	1 km SW of Lake Tulilik	16-Jul-02
82091	*Microtus oeconomus*	58373	AF No. = 58373	2002.31	68d 6m 4s N	154d 8m 56.5s W	Killik River	GAAR	2 km SW of Lake Tulilik	16-Jul-02
82210	*Microtus oeconomus*	58386	AF No. = 58386	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82211	*Microtus oeconomus*	58387	AF No. = 58387	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82212	*Microtus oeconomus*	58388	AF No. = 58388	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82213	*Microtus oeconomus*	58389	AF No. = 58389	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82214	*Microtus oeconomus*	58390	AF No. = 58390	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82215	*Microtus oeconomus*	58391	AF No. = 58391	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82216	*Microtus oeconomus*	58392	AF No. = 58392	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82217	*Microtus oeconomus*	58393	AF No. = 58393	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82218	*Microtus oeconomus*	58394	AF No. = 58394	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82224	*Microtus oeconomus*	58401	AF No. = 58401	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82225	*Microtus oeconomus*	58402	AF No. = 58402	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82226	*Microtus oeconomus*	58411	AF No. = 58411	2002.31	68d 6m 57.9s N	154d 6m 34.3s W	Killik River	GAAR	NE side of Lake Tulilik	17-Jul-02
82232	*Microtus oeconomus*	58418	AF No. = 58418	2002.31	68d 6m 29.5s N	154d 8m 22s W	Killik River	GAAR	1 km SW of Lake Tulilik	17-Jul-02
82233	*Microtus oeconomus*	58419	AF No. = 58419	2002.31	68d 6m 29.5s N	154d 8m 22s W	Killik River	GAAR	1 km SW of Lake Tulilik	17-Jul-02
82234	*Microtus oeconomus*	58426	AF No. = 58426	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82235	*Microtus oeconomus*	58427	AF No. = 58427	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82236	*Microtus oeconomus*	58428	AF No. = 58428	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82237	*Microtus oeconomus*	58429	AF No. = 58429	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82238	*Microtus oeconomus*	58430	AF No. = 58430	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82239	*Microtus oeconomus*	58431	AF No. = 58431	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82240	*Microtus oeconomus*	58432	AF No. = 58432	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82241	*Microtus oeconomus*	58433	AF No. = 58433	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82102	*Microtus oeconomus*	58434	AF No. = 58434	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
81920	*Microtus oeconomus*	58486	AF No. = 58486	2002.31	67d 43m 17.3s N	156d 7m 59.9s W	Ambler River	GAAR and Preserve	0.25 km NE of unnamed stream into Lake Isiak	21-Jul-02
81921	*Microtus oeconomus*	58487	AF No. = 58487	2002.31	67d 43m 17.3s N	156d 7m 59.9s W	Ambler River	GAAR and Preserve	0.25 km NE of unnamed stream into Lake Isiak	21-Jul-02
81927	*Microtus oeconomus*	58519	AF No. = 58519	2002.31	67d 43m 17.3s N	156d 7m 59.9s W	Ambler River	GAAR and Preserve	0.25 km NE of unnamed stream into Lake Isiak	23-Jul-02
81991	*Microtus oeconomus*	58548	AF No. = 58548	2002.31	67d 43m 17.3s N	156d 7m 59.9s W	Ambler River	GAAR and Preserve	0.25 km NE of unnamed stream into Lake Isiak	24-Jul-02
79567	*Microtus oeconomus*	58567	AF No. = 58567	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79568	*Microtus oeconomus*	58568	AF No. = 58568	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79569	*Microtus oeconomus*	58569	AF No. = 58569	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79572	*Microtus oeconomus*	58574	AF No. = 58574	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79650	*Microtus oeconomus*	58575	AF No. = 58575	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79573	*Microtus oeconomus*	58576	AF No. = 58576	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79651	*Microtus oeconomus*	58584	AF No. = 58584	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79576	*Microtus oeconomus*	58585	AF No. = 58585	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79577	*Microtus oeconomus*	58586	AF No. = 58586	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
81901	*Microtus oeconomus*	58590	AF No. = 58590	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
81902	*Microtus oeconomus*	58591	AF No. = 58591	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79835	*Microtus oeconomus*	58594	AF No. = 58594	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79836	*Microtus oeconomus*	58595	AF No. = 58595	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79652	*Microtus oeconomus*	58596	AF No. = 58596	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79837	*Microtus oeconomus*	58597	AF No. = 58597	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79838	*Microtus oeconomus*	58598	AF No. = 58598	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79653	*Microtus oeconomus*	58603	AF No. = 58603	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79654	*Microtus oeconomus*	58604	AF No. = 58604	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79584	*Microtus oeconomus*	58605	AF No. = 58605	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79655	*Microtus oeconomus*	58606	AF No. = 58606	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
81903	*Microtus oeconomus*	58614	AF No. = 58614	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79591	*Microtus oeconomus*	58620	AF No. = 58620	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
81770	*Microtus oeconomus*	58621	AF No. = 58621	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79592	*Microtus oeconomus*	58622	AF No. = 58622	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
81771	*Microtus oeconomus*	58625	AF No. = 58625	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
81773	*Microtus oeconomus*	58629	AF No. = 58629	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
81774	*Microtus oeconomus*	58630	AF No. = 58630	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
81775	*Microtus oeconomus*	58631	AF No. = 58631	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79661	*Microtus oeconomus*	58642	AF No. = 58642	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79662	*Microtus oeconomus*	58644	AF No. = 58644	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79663	*Microtus oeconomus*	58645	AF No. = 58645	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79664	*Microtus oeconomus*	58646	AF No. = 58646	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79665	*Microtus oeconomus*	58647	AF No. = 58647	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79599	*Microtus oeconomus*	58648	AF No. = 58648	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
81784	*Microtus oeconomus*	58649	AF No. = 58649	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79666	*Microtus oeconomus*	58650	AF No. = 58650	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79600	*Microtus oeconomus*	58651	AF No. = 58651	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79667	*Microtus oeconomus*	58652	AF No. = 58652	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79668	*Microtus oeconomus*	58654	AF No. = 58654	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79669	*Microtus oeconomus*	58655	AF No. = 58655	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79670	*Microtus oeconomus*	58656	AF No. = 58656	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79671	*Microtus oeconomus*	58657	AF No. = 58657	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79672	*Microtus oeconomus*	58658	AF No. = 58658	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79673	*Microtus oeconomus*	58659	AF No. = 58659	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79602	*Microtus oeconomus*	58660	AF No. = 58660	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79675	*Microtus oeconomus*	58666	AF No. = 58666	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79676	*Microtus oeconomus*	58667	AF No. = 58667	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79606	*Microtus oeconomus*	58668	AF No. = 58668	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79677	*Microtus oeconomus*	58669	AF No. = 58669	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79607	*Microtus oeconomus*	58670	AF No. = 58670	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79678	*Microtus oeconomus*	58671	AF No. = 58671	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79679	*Microtus oeconomus*	58672	AF No. = 58672	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79680	*Microtus oeconomus*	58673	AF No. = 58673	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79681	*Microtus oeconomus*	58674	AF No. = 58674	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79682	*Microtus oeconomus*	58675	AF No. = 58675	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79683	*Microtus oeconomus*	58676	AF No. = 58676	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
79609	*Microtus oeconomus*	58680	AF No. = 58680	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79686	*Microtus oeconomus*	58681	AF No. = 58681	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81830	*Microtus oeconomus*	58686	AF No. = 58686	2002.31	67d 20m 44.9s N	153d 39m 58.3s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81831	*Microtus oeconomus*	58691	AF No. = 58691	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81832	*Microtus oeconomus*	58692	AF No. = 58692	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81833	*Microtus oeconomus*	58693	AF No. = 58693	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81834	*Microtus oeconomus*	58694	AF No. = 58694	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81835	*Microtus oeconomus*	58695	AF No. = 58695	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79614	*Microtus oeconomus*	58703	AF No. = 58703	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81836	*Microtus oeconomus*	58704	AF No. = 58704	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81837	*Microtus oeconomus*	58705	AF No. = 58705	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81838	*Microtus oeconomus*	58706	AF No. = 58706	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81839	*Microtus oeconomus*	58707	AF No. = 58707	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81840	*Microtus oeconomus*	58708	AF No. = 58708	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81841	*Microtus oeconomus*	58709	AF No. = 58709	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81842	*Microtus oeconomus*	58710	AF No. = 58710	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81843	*Microtus oeconomus*	58711	AF No. = 58711	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81844	*Microtus oeconomus*	58712	AF No. = 58712	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81845	*Microtus oeconomus*	58713	AF No. = 58713	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
79615	*Microtus oeconomus*	58714	AF No. = 58714	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
79616	*Microtus oeconomus*	58715	AF No. = 58715	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
79691	*Microtus oeconomus*	58725	AF No. = 58725	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79692	*Microtus oeconomus*	58726	AF No. = 58726	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
81846	*Microtus oeconomus*	58727	AF No. = 58727	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
81847	*Microtus oeconomus*	58728	AF No. = 58728	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
81905	*Microtus oeconomus*	58731	AF No. = 58731	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79620	*Microtus oeconomus*	58734	AF No. = 58734	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79790	*Microtus oeconomus*	58735	AF No. = 58735	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79621	*Microtus oeconomus*	58736	AF No. = 58736	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81848	*Microtus oeconomus*	58738	AF No. = 58738	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
81802	*Microtus oeconomus*	58740	AF No. = 58740	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
81849	*Microtus oeconomus*	58743	AF No. = 58743	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
81850	*Microtus oeconomus*	58752	AF No. = 58752	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81851	*Microtus oeconomus*	58753	AF No. = 58753	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81852	*Microtus oeconomus*	58754	AF No. = 58754	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81853	*Microtus oeconomus*	58755	AF No. = 58755	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81854	*Microtus oeconomus*	58756	AF No. = 58756	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81807	*Microtus oeconomus*	58757	AF No. = 58757	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
79624	*Microtus oeconomus*	58758	AF No. = 58758	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81855	*Microtus oeconomus*	58763	AF No. = 58763	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	30-Jul-02
81856	*Microtus oeconomus*	58769	AF No. = 58769	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81857	*Microtus oeconomus*	58770	AF No. = 58770	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81858	*Microtus oeconomus*	58771	AF No. = 58771	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81859	*Microtus oeconomus*	58772	AF No. = 58772	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81860	*Microtus oeconomus*	58773	AF No. = 58773	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81861	*Microtus oeconomus*	58774	AF No. = 58774	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81862	*Microtus oeconomus*	58775	AF No. = 58775	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81863	*Microtus oeconomus*	58776	AF No. = 58776	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81864	*Microtus oeconomus*	58777	AF No. = 58777	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
79801	*Microtus oeconomus*	58778	AF No. = 58778	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81865	*Microtus oeconomus*	58779	AF No. = 58779	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81866	*Microtus oeconomus*	58780	AF No. = 58780	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
79627	*Microtus oeconomus*	58781	AF No. = 58781	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
79628	*Microtus oeconomus*	58782	AF No. = 58782	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79629	*Microtus oeconomus*	58783	AF No. = 58783	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
79630	*Microtus oeconomus*	58784	AF No. = 58784	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
79631	*Microtus oeconomus*	58785	AF No. = 58785	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	30-Jul-02
81867	*Microtus oeconomus*	58791	AF No. = 58791	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81868	*Microtus oeconomus*	58792	AF No. = 58792	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81869	*Microtus oeconomus*	58793	AF No. = 58793	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81870	*Microtus oeconomus*	58794	AF No. = 58794	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81871	*Microtus oeconomus*	58795	AF No. = 58795	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81872	*Microtus oeconomus*	58796	AF No. = 58796	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81873	*Microtus oeconomus*	58797	AF No. = 58797	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81874	*Microtus oeconomus*	58798	AF No. = 58798	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81875	*Microtus oeconomus*	58799	AF No. = 58799	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81876	*Microtus oeconomus*	58800	AF No. = 58800	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
79633	*Microtus oeconomus*	58801	AF No. = 58801	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
79634	*Microtus oeconomus*	58802	AF No. = 58802	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
79635	*Microtus oeconomus*	58803	AF No. = 58803	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81877	*Microtus oeconomus*	58805	AF No. = 58805	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
81878	*Microtus oeconomus*	58812	AF No. = 58812	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
81879	*Microtus oeconomus*	58817	AF No. = 58817	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02
79806	*Microtus oeconomus*	58818	AF No. = 58818	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02
81880	*Microtus oeconomus*	58819	AF No. = 58819	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02
79811	*Microtus oeconomus*	58831	AF No. = 58831	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
81881	*Microtus oeconomus*	58832	AF No. = 58832	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
79640	*Microtus oeconomus*	58833	AF No. = 58833	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
79641	*Microtus oeconomus*	58834	AF No. = 58834	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
81882	*Microtus oeconomus*	58842	AF No. = 58842	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81883	*Microtus oeconomus*	58843	AF No. = 58843	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81884	*Microtus oeconomus*	58844	AF No. = 58844	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81885	*Microtus oeconomus*	58845	AF No. = 58845	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81886	*Microtus oeconomus*	58846	AF No. = 58846	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81887	*Microtus oeconomus*	58847	AF No. = 58847	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81888	*Microtus oeconomus*	58848	AF No. = 58848	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
81889	*Microtus oeconomus*	58849	AF No. = 58849	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81890	*Microtus oeconomus*	58850	AF No. = 58850	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81891	*Microtus oeconomus*	58851	AF No. = 58851	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
79642	*Microtus oeconomus*	58852	AF No. = 58852	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
79814	*Microtus oeconomus*	58853	AF No. = 58853	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
79815	*Microtus oeconomus*	58854	AF No. = 58854	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
79643	*Microtus oeconomus*	58855	AF No. = 58855	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
79816	*Microtus oeconomus*	58856	AF No. = 58856	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
79817	*Microtus oeconomus*	58857	AF No. = 58857	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
79818	*Microtus oeconomus*	58858	AF No. = 58858	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
79819	*Microtus oeconomus*	58859	AF No. = 58859	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81892	*Microtus oeconomus*	58860	AF No. = 58860	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81893	*Microtus oeconomus*	58861	AF No. = 58861	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81894	*Microtus oeconomus*	58862	AF No. = 58862	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81895	*Microtus oeconomus*	58863	AF No. = 58863	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81896	*Microtus oeconomus*	58864	AF No. = 58864	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81897	*Microtus oeconomus*	58865	AF No. = 58865	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81898	*Microtus oeconomus*	58866	AF No. = 58866	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81899	*Microtus oeconomus*	58868	AF No. = 58868	2002.31	67d 20m 49.1s N	153d 39m 20.1s W	Survey Pass	GAAR	SW side of Takahula Lake	31-Jul-02
81900	*Microtus oeconomus*	58871	AF No. = 58871	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
79821	*Microtus oeconomus*	58874	AF No. = 58874	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
79647	*Microtus oeconomus*	58876	AF No. = 58876	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
79249	*Microtus oeconomus*	58881	AF No. = 58881	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79264	*Microtus oeconomus*	58926	AF No. = 58926	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79367	*Microtus oeconomus*	58943	AF No. = 58943	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79384	*Microtus oeconomus*	58984	AF No. = 58984	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79144	*Microtus oeconomus*	59902	AF No. = 59902; U.S. Natl. Parasite Collection = 94141	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79145	*Microtus oeconomus*	59904	AF No. = 59904	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79146	*Microtus oeconomus*	59905	AF No. = 59905	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79121	*Microtus oeconomus*	59910	AF No. = 59910	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79122	*Microtus oeconomus*	59912	AF No. = 59912	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79220	*Microtus oeconomus*	59913	AF No. = 59913	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79123	*Microtus oeconomus*	59914	AF No. = 59914	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79125	*Microtus oeconomus*	59916	AF No. = 59916	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79126	*Microtus oeconomus*	59917	AF No. = 59917	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79127	*Microtus oeconomus*	59918	AF No. = 59918	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79128	*Microtus oeconomus*	59919	AF No. = 59919	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79129	*Microtus oeconomus*	59920	AF No. = 59920	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79130	*Microtus oeconomus*	59921	AF No. = 59921	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79131	*Microtus oeconomus*	59922	AF No. = 59922	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79150	*Microtus oeconomus*	59925	AF No. = 59925	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79151	*Microtus oeconomus*	59926	AF No. = 59926	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79152	*Microtus oeconomus*	59927	AF No. = 59927	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79154	*Microtus oeconomus*	59929	AF No. = 59929	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79103	*Microtus oeconomus*	59930	AF No. = 59930	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79148	*Microtus oeconomus*	59931	AF No. = 59931	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79149	*Microtus oeconomus*	59932	AF No. = 59932	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79147	*Microtus oeconomus*	59937	AF No. = 59937	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79227	*Microtus oeconomus*	59939	AF No. = 59939	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79221	*Microtus oeconomus*	59940	AF No. = 59940	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79115	*Microtus oeconomus*	59943	AF No. = 59943	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79102	*Microtus oeconomus*	59944	AF No. = 59944	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79106	*Microtus oeconomus*	59945	AF No. = 59945	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79107	*Microtus oeconomus*	59946	AF No. = 59946	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79108	*Microtus oeconomus*	59947	AF No. = 59947	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79109	*Microtus oeconomus*	59948	AF No. = 59948; U.S. Natl. Parasite Collection = 94140	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79224	*Microtus oeconomus*	59967	AF No. = 59967	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79223	*Microtus oeconomus*	59979	AF No. = 59979	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79117	*Microtus oeconomus*	59984	AF No. = 59984	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79230	*Microtus oeconomus*	59986	AF No. = 59986	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79228	*Microtus oeconomus*	59987	AF No. = 59987	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79222	*Microtus oeconomus*	59988	AF No. = 59988	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79229	*Microtus oeconomus*	59996	AF No. = 59996	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79231	*Microtus oeconomus*	59997	AF No. = 59997	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78701	*Microtus oeconomus*	61001	AF No. = 61001	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78717	*Microtus oeconomus*	61002	AF No. = 61002	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78718	*Microtus oeconomus*	61003	AF No. = 61003	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78719	*Microtus oeconomus*	61004	AF No. = 61004	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78720	*Microtus oeconomus*	61005	AF No. = 61005	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79190	*Microtus oeconomus*	61007	AF No. = 61007	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
78800	*Microtus oeconomus*	61043	AF No. = 61043	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78721	*Microtus oeconomus*	61050	AF No. = 61050	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78725	*Microtus oeconomus*	61051	AF No. = 61051	2002.32	68d 4m 52.2s N	152d 56m 54.3s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78706	*Microtus oeconomus*	61055	AF No. = 61055	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78707	*Microtus oeconomus*	61056	AF No. = 61056	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78708	*Microtus oeconomus*	61057	AF No. = 61057	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78722	*Microtus oeconomus*	61061	AF No. = 61061	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78726	*Microtus oeconomus*	61093	AF No. = 61093	2002.32	68d 4m 52.2s N	152d 56m 54.3s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78723	*Microtus oeconomus*	61099	AF No. = 61099	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78761	*Microtus oeconomus*	61123	AF No. = 61123	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78763	*Microtus oeconomus*	61125	AF No. = 61125	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78724	*Microtus oeconomus*	61160	AF No. = 61160	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78715	*Microtus oeconomus*	61186	AF No. = 61186	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78716	*Microtus oeconomus*	61187	AF No. = 61187	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78538	*Microtus oeconomus*	61208	AF No. = 61208	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78540	*Microtus oeconomus*	61210	AF No. = 61210	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78542	*Microtus oeconomus*	61212	AF No. = 61212	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78518	*Microtus oeconomus*	61213	AF No. = 61213	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78519	*Microtus oeconomus*	61214	AF No. = 61214	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78547	*Microtus oeconomus*	61233	AF No. = 61233	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78523	*Microtus oeconomus*	61234	AF No. = 61234	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78524	*Microtus oeconomus*	61235	AF No. = 61235	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78525	*Microtus oeconomus*	61236	AF No. = 61236	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78526	*Microtus oeconomus*	61237	AF No. = 61237	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78618	*Microtus oeconomus*	61242	AF No. = 61242	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78553	*Microtus oeconomus*	61249	AF No. = 61249	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78555	*Microtus oeconomus*	61251	AF No. = 61251	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78624	*Microtus oeconomus*	61260	AF No. = 61260	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78625	*Microtus oeconomus*	61275	AF No. = 61275	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78627	*Microtus oeconomus*	61277	AF No. = 61277	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78636	*Microtus oeconomus*	61279	AF No. = 61279	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78640	*Microtus oeconomus*	61283	AF No. = 61283	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78529	*Microtus oeconomus*	61285	AF No. = 61285	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78563	*Microtus oeconomus*	61293	AF No. = 61293	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78628	*Microtus oeconomus*	61294	AF No. = 61294	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78630	*Microtus oeconomus*	61296	AF No. = 61296	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78633	*Microtus oeconomus*	61299	AF No. = 61299	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78634	*Microtus oeconomus*	61300	AF No. = 61300	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78530	*Microtus oeconomus*	61302	AF No. = 61302	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78664	*Microtus oeconomus*	61304	AF No. = 61304	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78666	*Microtus oeconomus*	61306	AF No. = 61306	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78667	*Microtus oeconomus*	61307	AF No. = 61307	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78669	*Microtus oeconomus*	61309	AF No. = 61309	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78671	*Microtus oeconomus*	61311	AF No. = 61311	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78656	*Microtus oeconomus*	61316	AF No. = 61316	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78658	*Microtus oeconomus*	61318	AF No. = 61318	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78662	*Microtus oeconomus*	61322	AF No. = 61322	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78531	*Microtus oeconomus*	61323	AF No. = 61323	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78568	*Microtus oeconomus*	61331	AF No. = 61331	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78571	*Microtus oeconomus*	61334	AF No. = 61334	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78678	*Microtus oeconomus*	61335	AF No. = 61335	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78679	*Microtus oeconomus*	61341	AF No. = 61341	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78681	*Microtus oeconomus*	61343	AF No. = 61343	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78684	*Microtus oeconomus*	61346	AF No. = 61346	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78685	*Microtus oeconomus*	61359	AF No. = 61359	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78572	*Microtus oeconomus*	61363	AF No. = 61363	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78575	*Microtus oeconomus*	61366	AF No. = 61366	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78576	*Microtus oeconomus*	61367	AF No. = 61367	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78649	*Microtus oeconomus*	61370	AF No. = 61370	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78689	*Microtus oeconomus*	61372	AF No. = 61372	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78690	*Microtus oeconomus*	61373	AF No. = 61373	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78694	*Microtus oeconomus*	61375	AF No. = 61375	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78516	*Microtus oeconomus*	61377	AF No. = 61377	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78517	*Microtus oeconomus*	61378	AF No. = 61378	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78533	*Microtus oeconomus*	61384	AF No. = 61384	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78534	*Microtus oeconomus*	61385	AF No. = 61385	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78696	*Microtus oeconomus*	61387	AF No. = 61387	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78697	*Microtus oeconomus*	61388	AF No. = 61388	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
79219	*Microtus oeconomus*	61395	AF No. = 61395	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78582	*Microtus oeconomus*	61399	AF No. = 61399	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78284	*Microtus oeconomus*	61600	AF No. = 61600	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78311	*Microtus oeconomus*	61603	AF No. = 61603	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78312	*Microtus oeconomus*	61604	AF No. = 61604	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78267	*Microtus oeconomus*	61605	AF No. = 61605	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78268	*Microtus oeconomus*	61606	AF No. = 61606	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78277	*Microtus oeconomus*	61608	AF No. = 61608	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78313	*Microtus oeconomus*	61609	AF No. = 61609	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78314	*Microtus oeconomus*	61610	AF No. = 61610	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78317	*Microtus oeconomus*	61613	AF No. = 61613	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78252	*Microtus oeconomus*	61614	AF No. = 61614	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78319	*Microtus oeconomus*	61617	AF No. = 61617	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78321	*Microtus oeconomus*	61619	AF No. = 61619	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78269	*Microtus oeconomus*	61627	AF No. = 61627	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78272	*Microtus oeconomus*	61633	AF No. = 61633	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78273	*Microtus oeconomus*	61634	AF No. = 61634	2002.32	67d 27m 17s N	150d 51m 49.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78329	*Microtus oeconomus*	61639	AF No. = 61639	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78353	*Microtus oeconomus*	61640	AF No. = 61640	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78354	*Microtus oeconomus*	61641	AF No. = 61641	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78355	*Microtus oeconomus*	61642	AF No. = 61642	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78357	*Microtus oeconomus*	61643	AF No. = 61643	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78332	*Microtus oeconomus*	61655	AF No. = 61655	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78362	*Microtus oeconomus*	61660	AF No. = 61660	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78364	*Microtus oeconomus*	61662	AF No. = 61662	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78369	*Microtus oeconomus*	61681	AF No. = 61681	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78341	*Microtus oeconomus*	61685	AF No. = 61685	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78346	*Microtus oeconomus*	61690	AF No. = 61690	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78243	*Microtus oeconomus*	61691	AF No. = 61691	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78244	*Microtus oeconomus*	61692	AF No. = 61692	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78250	*Microtus oeconomus*	61693	AF No. = 61693	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78251	*Microtus oeconomus*	61694	AF No. = 61694	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78266	*Microtus oeconomus*	61702	AF No. = 61702	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78246	*Microtus oeconomus*	61704	AF No. = 61704	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78247	*Microtus oeconomus*	61705	AF No. = 61705	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78435	*Microtus oeconomus*	61711	AF No. = 61711	2002.32	68d 34m 39.9s N	152d 57m 27.1s W	Chandler Lake	GAAR	Fortress Mtn.	28-Jul-02
78431	*Microtus oeconomus*	61741	AF No. = 61741	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78457	*Microtus oeconomus*	61762	AF No. = 61762	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78459	*Microtus oeconomus*	61764	AF No. = 61764	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78460	*Microtus oeconomus*	61765	AF No. = 61765	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78462	*Microtus oeconomus*	61768	AF No. = 61768	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78463	*Microtus oeconomus*	61769	AF No. = 61769	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78465	*Microtus oeconomus*	61771	AF No. = 61771	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78414	*Microtus oeconomus*	61782	AF No. = 61782	2002.32	68d 34m 48.4s N	152d 57m 35.6s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78466	*Microtus oeconomus*	61785	AF No. = 61785	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78376	*Microtus oeconomus*	61794	AF No. = 61794	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78509	*Microtus oeconomus*	61801	AF No. = 61801	2002.32	68d 34m 41.8s N	152d 56m 59.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78510	*Microtus oeconomus*	61802	AF No. = 61802	2002.32	68d 34m 41.8s N	152d 56m 59.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78511	*Microtus oeconomus*	61803	AF No. = 61803	2002.32	68d 34m 41.8s N	152d 56m 59.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78506	*Microtus oeconomus*	61819	AF No. = 61819	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78483	*Microtus oeconomus*	61822	AF No. = 61822	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78485	*Microtus oeconomus*	61824	AF No. = 61824	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78468	*Microtus oeconomus*	61830	AF No. = 61830; U.S. Natl. Parasite Collection = 94142	2002.32	68d 31m 39.6s N	152d 57m 8.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78474	*Microtus oeconomus*	61839	AF No. = 61839	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78475	*Microtus oeconomus*	61840	AF No. = 61840	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78476	*Microtus oeconomus*	61845	AF No. = 61845	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78477	*Microtus oeconomus*	61846	AF No. = 61846	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78512	*Microtus oeconomus*	61849	AF No. = 61849	2002.32	68d 34m 41.8s N	152d 56m 59.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
79174	*Microtus oeconomus*	61853	AF No. = 61853	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79207	*Microtus oeconomus*	61855	AF No. = 61855	2002.32	68d 34m 41.8s N	152d 56m 59.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79208	*Microtus oeconomus*	61856	AF No. = 61856	2002.32	68d 34m 41.8s N	152d 56m 59.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79168	*Microtus oeconomus*	61859	AF No. = 61859	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79173	*Microtus oeconomus*	61861	AF No. = 61861	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79206	*Microtus oeconomus*	61862	AF No. = 61862	2002.32	68d 34m 41.8s N	152d 56m 59.8s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79160	*Microtus oeconomus*	61864	AF No. = 61864	2002.32	68d 34m 52s N	152d 56m 42.9s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79157	*Microtus oeconomus*	61865	AF No. = 61865	2002.32	68d 34m 37.9s N	152d 57m 13.7s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79158	*Microtus oeconomus*	61873	AF No. = 61873	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	1-Aug-02
78938	*Microtus oeconomus*	61882	AF No. = 61882	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78939	*Microtus oeconomus*	61883	AF No. = 61883	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78940	*Microtus oeconomus*	61884	AF No. = 61884	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78941	*Microtus oeconomus*	61885	AF No. = 61885	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78942	*Microtus oeconomus*	61886	AF No. = 61886	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78943	*Microtus oeconomus*	61887	AF No. = 61887	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78944	*Microtus oeconomus*	61888	AF No. = 61888	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78945	*Microtus oeconomus*	61889	AF No. = 61889	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78946	*Microtus oeconomus*	61890	AF No. = 61890	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78947	*Microtus oeconomus*	61891	AF No. = 61891	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78937	*Microtus oeconomus*	61898	AF No. = 61898	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79028	*Microtus oeconomus*	61908	AF No. = 61908	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78923	*Microtus oeconomus*	61914	AF No. = 61914	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78924	*Microtus oeconomus*	61915	AF No. = 61915	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78925	*Microtus oeconomus*	61916	AF No. = 61916	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78926	*Microtus oeconomus*	61917	AF No. = 61917	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78927	*Microtus oeconomus*	61918	AF No. = 61918	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78928	*Microtus oeconomus*	61919	AF No. = 61919	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78929	*Microtus oeconomus*	61920	AF No. = 61920	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78930	*Microtus oeconomus*	61921	AF No. = 61921	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78931	*Microtus oeconomus*	61922	AF No. = 61922	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78932	*Microtus oeconomus*	61923	AF No. = 61923	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78933	*Microtus oeconomus*	61924	AF No. = 61924	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78934	*Microtus oeconomus*	61925	AF No. = 61925	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78935	*Microtus oeconomus*	61926	AF No. = 61926	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78936	*Microtus oeconomus*	61927	AF No. = 61927	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79031	*Microtus oeconomus*	61931	AF No. = 61931	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79034	*Microtus oeconomus*	61934	AF No. = 61934	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78888	*Microtus oeconomus*	61937	AF No. = 61937	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78889	*Microtus oeconomus*	61938	AF No. = 61938	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78890	*Microtus oeconomus*	61939	AF No. = 61939	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78891	*Microtus oeconomus*	61940	AF No. = 61940	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78892	*Microtus oeconomus*	61942	AF No. = 61942	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78893	*Microtus oeconomus*	61943	AF No. = 61943	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78894	*Microtus oeconomus*	61944	AF No. = 61944	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78895	*Microtus oeconomus*	61945	AF No. = 61945	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78896	*Microtus oeconomus*	61946	AF No. = 61946	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78897	*Microtus oeconomus*	61947	AF No. = 61947	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78898	*Microtus oeconomus*	61948	AF No. = 61948	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78899	*Microtus oeconomus*	61949	AF No. = 61949	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78900	*Microtus oeconomus*	61950	AF No. = 61950	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78901	*Microtus oeconomus*	61951	AF No. = 61951	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78902	*Microtus oeconomus*	61952	AF No. = 61952	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78903	*Microtus oeconomus*	61953	AF No. = 61953	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78904	*Microtus oeconomus*	61954	AF No. = 61954	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78905	*Microtus oeconomus*	61955	AF No. = 61955	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78906	*Microtus oeconomus*	61956	AF No. = 61956	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78907	*Microtus oeconomus*	61957	AF No. = 61957	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79035	*Microtus oeconomus*	61968	AF No. = 61968	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79037	*Microtus oeconomus*	61970	AF No. = 61970	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78948	*Microtus oeconomus*	61980	AF No. = 61980	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78949	*Microtus oeconomus*	61981	AF No. = 61981	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78951	*Microtus oeconomus*	61983	AF No. = 61983	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78952	*Microtus oeconomus*	61984	AF No. = 61984	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
79241	*Microtus oeconomus*	61986	AF No. = 61986	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
79242	*Microtus oeconomus*	61988	AF No. = 61988	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78887	*Microtus oeconomus*	61989	AF No. = 61989	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	2-Aug-02
78953	*Microtus oeconomus*	62000	AF No. = 62000	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78954	*Microtus oeconomus*	62001	AF No. = 62001	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78955	*Microtus oeconomus*	62002	AF No. = 62002	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78956	*Microtus oeconomus*	62003	AF No. = 62003	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78957	*Microtus oeconomus*	62004	AF No. = 62004	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78958	*Microtus oeconomus*	62005	AF No. = 62005	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78959	*Microtus oeconomus*	62006	AF No. = 62006	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78960	*Microtus oeconomus*	62007	AF No. = 62007	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78961	*Microtus oeconomus*	62008	AF No. = 62008	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78962	*Microtus oeconomus*	62009	AF No. = 62009	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78963	*Microtus oeconomus*	62010	AF No. = 62010	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78964	*Microtus oeconomus*	62011	AF No. = 62011	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78965	*Microtus oeconomus*	62017	AF No. = 62017	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78966	*Microtus oeconomus*	62018	AF No. = 62018	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78967	*Microtus oeconomus*	62019	AF No. = 62019	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78968	*Microtus oeconomus*	62020	AF No. = 62020	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78969	*Microtus oeconomus*	62021	AF No. = 62021	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78970	*Microtus oeconomus*	62022	AF No. = 62022	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78971	*Microtus oeconomus*	62023	AF No. = 62023	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78972	*Microtus oeconomus*	62024	AF No. = 62024	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78973	*Microtus oeconomus*	62027	AF No. = 62027	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
78974	*Microtus oeconomus*	62028	AF No. = 62028	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
78912	*Microtus oeconomus*	62029	AF No. = 62029	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78913	*Microtus oeconomus*	62030	AF No. = 62030	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78914	*Microtus oeconomus*	62031	AF No. = 62031	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78915	*Microtus oeconomus*	62032	AF No. = 62032	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78916	*Microtus oeconomus*	62033	AF No. = 62033	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78917	*Microtus oeconomus*	62034	AF No. = 62034	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78918	*Microtus oeconomus*	62035	AF No. = 62035	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78919	*Microtus oeconomus*	62036	AF No. = 62036	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78920	*Microtus oeconomus*	62037	AF No. = 62037	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78921	*Microtus oeconomus*	62038	AF No. = 62038	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78975	*Microtus oeconomus*	62041	AF No. = 62041	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
78976	*Microtus oeconomus*	62042	AF No. = 62042	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
78977	*Microtus oeconomus*	62043	AF No. = 62043	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
78978	*Microtus oeconomus*	62044	AF No. = 62044	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
78979	*Microtus oeconomus*	62045	AF No. = 62045	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79042	*Microtus oeconomus*	62066	AF No. = 62066	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
78980	*Microtus oeconomus*	62068	AF No. = 62068	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
78981	*Microtus oeconomus*	62069	AF No. = 62069	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
78982	*Microtus oeconomus*	62070	AF No. = 62070	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79566	*Microtus pennsylvanicus*	58565	AF No. = 58565	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79578	*Microtus pennsylvanicus*	58587	AF No. = 58587	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79585	*Microtus pennsylvanicus*	58607	AF No. = 58607	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79656	*Microtus pennsylvanicus*	58608	AF No. = 58608	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79657	*Microtus pennsylvanicus*	58609	AF No. = 58609	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79658	*Microtus pennsylvanicus*	58610	AF No. = 58610	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79659	*Microtus pennsylvanicus*	58613	AF No. = 58613	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79660	*Microtus pennsylvanicus*	58632	AF No. = 58632	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79687	*Microtus pennsylvanicus*	58696	AF No. = 58696	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79622	*Microtus pennsylvanicus*	58741	AF No. = 58741	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
79791	*Microtus pennsylvanicus*	58742	AF No. = 58742	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
79792	*Microtus pennsylvanicus*	58744	AF No. = 58744	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
79793	*Microtus pennsylvanicus*	58745	AF No. = 58745	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
79794	*Microtus pennsylvanicus*	58746	AF No. = 58746	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
79398	*Microtus pennsylvanicus*	59044	AF No. = 59044	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79289	*Microtus pennsylvanicus*	59051	AF No. = 59051	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	5-Aug-02
79465	*Microtus pennsylvanicus*	59122	AF No. = 59122	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	7-Aug-02
79214	*Microtus pennsylvanicus*	61114	AF No. = 61114	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78537	*Microtus pennsylvanicus*	61207	AF No. = 61207	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78541	*Microtus pennsylvanicus*	61211	AF No. = 61211	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78619	*Microtus pennsylvanicus*	61243	AF No. = 61243	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78621	*Microtus pennsylvanicus*	61257	AF No. = 61257	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78626	*Microtus pennsylvanicus*	61276	AF No. = 61276	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78637	*Microtus pennsylvanicus*	61280	AF No. = 61280	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78638	*Microtus pennsylvanicus*	61281	AF No. = 61281	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78641	*Microtus pennsylvanicus*	61284	AF No. = 61284	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78629	*Microtus pennsylvanicus*	61295	AF No. = 61295	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78631	*Microtus pennsylvanicus*	61297	AF No. = 61297	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78632	*Microtus pennsylvanicus*	61298	AF No. = 61298	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78647	*Microtus pennsylvanicus*	61356	AF No. = 61356	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78259	*Microtus pennsylvanicus*	61671	AF No. = 61671	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78263	*Microtus pennsylvanicus*	61675	AF No. = 61675	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78345	*Microtus pennsylvanicus*	61689	AF No. = 61689	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
82150	*Microtus sp.*	58278	AF No. = 58278	2002.31	68d 7m 7.6s N	154d 7m 19s W	Killik River	GAAR	200 m N of Lake Tulilik	13-Jul-02
79250	*Microtus xanthognathus*	58882	AF No. = 58882	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79354	*Microtus xanthognathus*	58897	AF No. = 58897	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79355	*Microtus xanthognathus*	58898	AF No. = 58898	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79356	*Microtus xanthognathus*	58899	AF No. = 58899	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79357	*Microtus xanthognathus*	58900	AF No. = 58900	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79358	*Microtus xanthognathus*	58901	AF No. = 58901	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79359	*Microtus xanthognathus*	58902	AF No. = 58902	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79360	*Microtus xanthognathus*	58903	AF No. = 58903	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79327	*Microtus xanthognathus*	58911	AF No. = 58911	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79328	*Microtus xanthognathus*	58912	AF No. = 58912	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79329	*Microtus xanthognathus*	58913	AF No. = 58913	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79330	*Microtus xanthognathus*	58914	AF No. = 58914	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79331	*Microtus xanthognathus*	58915	AF No. = 58915	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79332	*Microtus xanthognathus*	58916	AF No. = 58916	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79265	*Microtus xanthognathus*	58927	AF No. = 58927	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79266	*Microtus xanthognathus*	58928	AF No. = 58928	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79368	*Microtus xanthognathus*	58944	AF No. = 58944	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79369	*Microtus xanthognathus*	58945	AF No. = 58945	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79370	*Microtus xanthognathus*	58946	AF No. = 58946	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79371	*Microtus xanthognathus*	58947	AF No. = 58947	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79372	*Microtus xanthognathus*	58948	AF No. = 58948	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79373	*Microtus xanthognathus*	58949	AF No. = 58949	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79374	*Microtus xanthognathus*	58950	AF No. = 58950	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79375	*Microtus xanthognathus*	58951	AF No. = 58951	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79376	*Microtus xanthognathus*	58952	AF No. = 58952	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79377	*Microtus xanthognathus*	58953	AF No. = 58953	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79378	*Microtus xanthognathus*	58954	AF No. = 58954	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79379	*Microtus xanthognathus*	58955	AF No. = 58955	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79380	*Microtus xanthognathus*	58956	AF No. = 58956	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79340	*Microtus xanthognathus*	58958	AF No. = 58958	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79341	*Microtus xanthognathus*	58959	AF No. = 58959	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79342	*Microtus xanthognathus*	58960	AF No. = 58960	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79343	*Microtus xanthognathus*	58961	AF No. = 58961	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79344	*Microtus xanthognathus*	58962	AF No. = 58962	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79295	*Microtus xanthognathus*	58965	AF No. = 58965	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79296	*Microtus xanthognathus*	58966	AF No. = 58966	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79297	*Microtus xanthognathus*	58967	AF No. = 58967	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79298	*Microtus xanthognathus*	58968	AF No. = 58968	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79299	*Microtus xanthognathus*	58969	AF No. = 58969	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79389	*Microtus xanthognathus*	58989	AF No. = 58989	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79390	*Microtus xanthognathus*	58990	AF No. = 58990	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79391	*Microtus xanthognathus*	58991	AF No. = 58991	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79392	*Microtus xanthognathus*	58992	AF No. = 58992	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79393	*Microtus xanthognathus*	58993	AF No. = 58993	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79285	*Microtus xanthognathus*	59003	AF No. = 59003	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79286	*Microtus xanthognathus*	59004	AF No. = 59004	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79287	*Microtus xanthognathus*	59005	AF No. = 59005	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79346	*Microtus xanthognathus*	59006	AF No. = 59006	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79347	*Microtus xanthognathus*	59007	AF No. = 59007	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79348	*Microtus xanthognathus*	59008	AF No. = 59008	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79349	*Microtus xanthognathus*	59009	AF No. = 59009	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79308	*Microtus xanthognathus*	59015	AF No. = 59015	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79309	*Microtus xanthognathus*	59016	AF No. = 59016	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79310	*Microtus xanthognathus*	59017	AF No. = 59017	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79317	*Microtus xanthognathus*	59025	AF No. = 59025	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79413	*Microtus xanthognathus*	59029	AF No. = 59029	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79318	*Microtus xanthognathus*	59034	AF No. = 59034	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79504	*Microtus xanthognathus*	59036	AF No. = 59036	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	4-Aug-02
79399	*Microtus xanthognathus*	59045	AF No. = 59045	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79423	*Microtus xanthognathus*	59074	AF No. = 59074	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79424	*Microtus xanthognathus*	59075	AF No. = 59075	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79425	*Microtus xanthognathus*	59076	AF No. = 59076	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79427	*Microtus xanthognathus*	59079	AF No. = 59079	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	6-Aug-02
79428	*Microtus xanthognathus*	59080	AF No. = 59080	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	6-Aug-02
79432	*Microtus xanthognathus*	59085	AF No. = 59085	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79433	*Microtus xanthognathus*	59087	AF No. = 59087	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79556	*Microtus xanthognathus*	59088	AF No. = 59088	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79436	*Microtus xanthognathus*	59091	AF No. = 59091	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79443	*Microtus xanthognathus*	59098	AF No. = 59098	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79444	*Microtus xanthognathus*	59099	AF No. = 59099	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79445	*Microtus xanthognathus*	59100	AF No. = 59100	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79446	*Microtus xanthognathus*	59101	AF No. = 59101	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79447	*Microtus xanthognathus*	59102	AF No. = 59102	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79466	*Microtus xanthognathus*	59123	AF No. = 59123	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	7-Aug-02
79471	*Microtus xanthognathus*	59133	AF No. = 59133	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79477	*Microtus xanthognathus*	59140	AF No. = 59140	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79478	*Microtus xanthognathus*	59141	AF No. = 59141	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79479	*Microtus xanthognathus*	59142	AF No. = 59142	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79480	*Microtus xanthognathus*	59143	AF No. = 59143	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79481	*Microtus xanthognathus*	59144	AF No. = 59144	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79548	*Microtus xanthognathus*	59160	AF No. = 59160	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
79549	*Microtus xanthognathus*	59161	AF No. = 59161	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
63209	*Ovis dalli*	30344	AF No. = 30344; original field No. = NPS Sheep #823	2002.9	68d 14.66m N	152d 8.35m W	Chandler Lake	GAAR	upper Confusion Creek	8-Mar-00
63210	*Ovis dalli*	30345	AF No. = 30345; original field No. = NPS Sheep #824	2002.9	68d 14.73m N	152d 8.38m W	Chandler Lake	GAAR	upper Confusion Creek	8-Mar-00
63208	*Ovis dalli*	30346	AF No. = 30346; original field No. = NPS Sheep #825	2002.9	68d 14m N	152d 8.36m W	Chandler Lake	GAAR	upper Confusion Creek	8-Mar-00
63201	*Ovis dalli*	30347	AF No. = 30347; original field No. = NPS Sheep #826	2002.9	68d 12.85m N	151d 54.65m W	Chandler Lake	GAAR	upper Contact Creek	8-Mar-00
63200	*Ovis dalli*	30348	AF No. = 30348; original field No. = NPS Sheep #827	2002.9	68d 11.44m N	151d 59.2m W	Chandler Lake	GAAR	upper Contact Creek	8-Mar-00
63182	*Ovis dalli*	30349	AF No. = 30349; original field No. = NPS Sheep #HAM-01	2002.9	67d 37.06m N	150d 30.72m W	Wiseman	GAAR	Hammond River	9-Mar-00
63183	*Ovis dalli*	30350	AF No. = 30350; original field No. = NPS Sheep #HAM-02	2002.9	67d 38.53m N	150d 27.27m W	Wiseman	GAAR	Hammond River	9-Mar-00
63185	*Ovis dalli*	30351	AF No. = 30351; original field No. = NPS Sheep #HAM-03	2002.9	67d 38.83m N	150d 29.39m W	Wiseman	GAAR	confluence of Hammond River and Roy Creek	9-Mar-00
63184	*Ovis dalli*	30352	AF No. = 30352; original field No. = NPS Sheep #HAM-04	2002.9	67d 38.83m N	150d 29.39m W	Wiseman	GAAR	confluence of Hammond River and Roy Creek	9-Mar-00

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
63186	*Ovis dalli*	30353	AF No. = 30353; original field No. = NPS Sheep #HAM-05	2002.9	67d 40.35m N	149d 57.38m W	Wiseman	GAAR	Hammond River	9-Mar-00
63181	*Ovis dalli*	30354	AF No. = 30354; original field No. = NPS Sheep #HAM-06	2002.9	67d 36.09m N	150d 4.99m W	Wiseman	GAAR	Hammond River	9-Mar-00
63180	*Ovis dalli*	30355	AF No. = 30355; original field No. = NPS Sheep #HAM-07	2002.9	67d 36.09m N	150d 4.99m W	Wiseman	GAAR	Hammond River	9-Mar-00
82103	*Sorex cinereus*	58201	AF No. = 58201	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82104	*Sorex cinereus*	58202	AF No. = 58202	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82105	*Sorex cinereus*	58203	AF No. = 58203	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82106	*Sorex cinereus*	58204	AF No. = 58204	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82252	*Sorex cinereus*	58242	AF No. = 58242	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
81918	*Sorex cinereus*	58479	AF No. = 58479	2002.31	67d 43m 38.7s N	156d 9m 31.6s W	Ambler River	GAAR and Preserve	N of Lake Isiak	21-Jul-02
82014	*Sorex cinereus*	58502	AF No. = 58502	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	22-Jul-02
82015	*Sorex cinereus*	58503	AF No. = 58503	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	22-Jul-02
82018	*Sorex cinereus*	58513	AF No. = 58513	2002.31	67d 43m 38.7s N	156d 9m 31.6s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
81982	*Sorex cinereus*	58523	AF No. = 58523	2002.31	67d 43m 15.5s N	156d 3m 37.9s W	Ambler River	GAAR and Preserve	unnamed stream 2.5 km NW of Lake Isiak	23-Jul-02
79823	*Sorex cinereus*	58560	AF No. = 58560	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79824	*Sorex cinereus*	58561	AF No. = 58561	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79828	*Sorex cinereus*	58566	AF No. = 58566	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79829	*Sorex cinereus*	58578	AF No. = 58578	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79840	*Sorex cinereus*	58602	AF No. = 58602	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
81785	*Sorex cinereus*	58664	AF No. = 58664	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
81814	*Sorex cinereus*	58809	AF No. = 58809	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
81829	*Sorex cinereus*	58872	AF No. = 58872	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
79560	*Sorex cinereus*	58939	AF No. = 58939	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79562	*Sorex cinereus*	58941	AF No. = 58941	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79563	*Sorex cinereus*	58964	AF No. = 58964	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79306	*Sorex cinereus*	59013	AF No. = 59013	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79307	*Sorex cinereus*	59014	AF No. = 59014	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79394	*Sorex cinereus*	59024	AF No. = 59024	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79489	*Sorex cinereus*	59037	AF No. = 59037	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79491	*Sorex cinereus*	59039	AF No. = 59039	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79475	*Sorex cinereus*	59138	AF No. = 59138	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
78254	*Sorex cinereus*	61646	AF No. = 61646	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78451	*Sorex cinereus*	61737	AF No. = 61737	2002.32	68d 34m 37.9s N	152d 57m 13.7s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78452	*Sorex cinereus*	61738	AF No. = 61738	2002.32	68d 34m 37.9s N	152d 57m 13.7s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78461	*Sorex cinereus*	61767	AF No. = 61767	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78490	*Sorex cinereus*	61776	AF No. = 61776	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78507	*Sorex cinereus*	61777	AF No. = 61777	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78508	*Sorex cinereus*	61778	AF No. = 61778	2002.32	68d 34m 49.3s N	152d 56m 35.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
78469	*Sorex cinereus*	61832	AF No. = 61832	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78470	*Sorex cinereus*	61833	AF No. = 61833	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78471	*Sorex cinereus*	61834	AF No. = 61834	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79156	*Sorex cinereus*	61868	AF No. = 61868	2002.32	68d 34m 39.9s N	152d 57m 27.1s W	Chandler Lake	GAAR	Fortress Mtn.	1-Aug-02
79159	*Sorex cinereus*	61869	AF No. = 61869	2002.32	68d 34m 38.4s N	152d 57m 5s W	Chandler Lake	GAAR	Fortress Mtn.	1-Aug-02
79043	*Sorex cinereus*	61875	AF No. = 61875	2002.32	68d 16m 41.8s N	150d 39m 55.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
78909	*Sorex cinereus*	62012	AF No. = 62012	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	4-Aug-02
78910	*Sorex cinereus*	62025	AF No. = 62025	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
78911	*Sorex cinereus*	62026	AF No. = 62026	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
78922	*Sorex cinereus*	62067	AF No. = 62067	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	6-Aug-02
79822	*Sorex hoyi*	58559	AF No. = 58559	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	25-Jul-02
79830	*Sorex hoyi*	58579	AF No. = 58579	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79834	*Sorex hoyi*	58589	AF No. = 58589	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
81768	*Sorex hoyi*	58616	AF No. = 58616	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
81778	*Sorex hoyi*	58636	AF No. = 58636	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
81782	*Sorex hoyi*	58640	AF No. = 58640	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
81793	*Sorex hoyi*	58700	AF No. = 58700	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81817	*Sorex hoyi*	58816	AF No. = 58816	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	31-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
81821	*Sorex hoyi*	58829	AF No. = 58829	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
79288	*Sorex hoyi*	59050	AF No. = 59050	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	5-Aug-02
79558	*Sorex hoyi*	59086	AF No. = 59086	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79546	*Sorex hoyi*	59158	AF No. = 59158	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
78528	*Sorex hoyi*	61264	AF No. = 61264	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78635	*Sorex hoyi*	61278	AF No. = 61278	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78644	*Sorex hoyi*	61348	AF No. = 61348	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78515	*Sorex hoyi*	61376	AF No. = 61376	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
76607	*Sorex hoyi*	61645	AF No. = 61645	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
82070	*Sorex monticolus*	58321	AF No. = 58321	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	16-Jul-02
82242	*Sorex monticolus*	58364	AF No. = 58364	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	16-Jul-02
82246	*Sorex monticolus*	58407	AF No. = 58407	2002.31	68d 6m 57.9s N	154d 6m 34.3s W	Killik River	GAAR	NE side of Lake Tulilik	17-Jul-02
82249	*Sorex monticolus*	58423	AF No. = 58423	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82251	*Sorex monticolus*	58425	AF No. = 58425	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
81999	*Sorex monticolus*	58437	AF No. = 58437	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	19-Jul-02
82000	*Sorex monticolus*	58438	AF No. = 58438	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	19-Jul-02
82002	*Sorex monticolus*	58440	AF No. = 58440	2002.31	67d 43m 13.9s N	156d 8m 8.4s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	19-Jul-02
82003	*Sorex monticolus*	58442	AF No. = 58442	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	20-Jul-02
82004	*Sorex monticolus*	58443	AF No. = 58443	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	20-Jul-02
82005	*Sorex monticolus*	58444	AF No. = 58444	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	20-Jul-02
82006	*Sorex monticolus*	58445	AF No. = 58445	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	20-Jul-02
81946	*Sorex monticolus*	58456	AF No. = 58456	2002.31	67d 43m 38.7s N	156d 9m 31.6s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
82007	*Sorex monticolus*	58469	AF No. = 58469	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	21-Jul-02
82008	*Sorex monticolus*	58470	AF No. = 58470	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	21-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82009	*Sorex monticolus*	58471	AF No. = 58471	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	21-Jul-02
82010	*Sorex monticolus*	58485	AF No. = 58485	2002.31	67d 43m 17.3s N	156d 7m 59.9s W	Ambler River	GAAR and Preserve	0.25 km NE of unnamed stream into Lake Isiak	21-Jul-02
82013	*Sorex monticolus*	58501	AF No. = 58501	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	22-Jul-02
82019	*Sorex monticolus*	58526	AF No. = 58526	2002.31	67d 42m 56s N	156d 8m 58.7s W	Ambler River	GAAR and Preserve	SW side of Lake Isiak	23-Jul-02
82021	*Sorex monticolus*	58529	AF No. = 58529	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
82022	*Sorex monticolus*	58530	AF No. = 58530	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
82023	*Sorex monticolus*	58531	AF No. = 58531	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
82024	*Sorex monticolus*	58532	AF No. = 58532	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
82026	*Sorex monticolus*	58546	AF No. = 58546	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	24-Jul-02
82027	*Sorex monticolus*	58555	AF No. = 58555	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	25-Jul-02
79825	*Sorex monticolus*	58562	AF No. = 58562	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79826	*Sorex monticolus*	58563	AF No. = 58563	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79827	*Sorex monticolus*	58564	AF No. = 58564	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79831	*Sorex monticolus*	58581	AF No. = 58581	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79832	*Sorex monticolus*	58582	AF No. = 58582	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79833	*Sorex monticolus*	58583	AF No. = 58583	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79839	*Sorex monticolus*	58601	AF No. = 58601	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
81769	*Sorex monticolus*	58617	AF No. = 58617	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
81779	*Sorex monticolus*	58637	AF No. = 58637	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
81780	*Sorex monticolus*	58638	AF No. = 58638	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
81781	*Sorex monticolus*	58639	AF No. = 58639	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
81786	*Sorex monticolus*	58687	AF No. = 58687	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81787	*Sorex monticolus*	58688	AF No. = 58688	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81788	*Sorex monticolus*	58689	AF No. = 58689	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81789	*Sorex monticolus*	58690	AF No. = 58690	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81790	*Sorex monticolus*	58697	AF No. = 58697	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81791	*Sorex monticolus*	58698	AF No. = 58698	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
81792	*Sorex monticolus*	58699	AF No. = 58699	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81794	*Sorex monticolus*	58702	AF No. = 58702	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81795	*Sorex monticolus*	58721	AF No. = 58721	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
81796	*Sorex monticolus*	58722	AF No. = 58722	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
81797	*Sorex monticolus*	58723	AF No. = 58723	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
81798	*Sorex monticolus*	58724	AF No. = 58724	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	29-Jul-02
81799	*Sorex monticolus*	58733	AF No. = 58733	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
81800	*Sorex monticolus*	58737	AF No. = 58737	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
81801	*Sorex monticolus*	58739	AF No. = 58739	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	30-Jul-02
81803	*Sorex monticolus*	58748	AF No. = 58748	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81804	*Sorex monticolus*	58749	AF No. = 58749	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81805	*Sorex monticolus*	58750	AF No. = 58750	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81809	*Sorex monticolus*	58787	AF No. = 58787	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81810	*Sorex monticolus*	58788	AF No. = 58788	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81811	*Sorex monticolus*	58789	AF No. = 58789	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81812	*Sorex monticolus*	58790	AF No. = 58790	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	30-Jul-02
81813	*Sorex monticolus*	58804	AF No. = 58804	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
81815	*Sorex monticolus*	58810	AF No. = 58810	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
81816	*Sorex monticolus*	58811	AF No. = 58811	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	31-Jul-02
81819	*Sorex monticolus*	58827	AF No. = 58827	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
81822	*Sorex monticolus*	58830	AF No. = 58830	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
81823	*Sorex monticolus*	58837	AF No. = 58837	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81824	*Sorex monticolus*	58838	AF No. = 58838	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81826	*Sorex monticolus*	58840	AF No. = 58840	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81828	*Sorex monticolus*	58869	AF No. = 58869	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
79564	*Sorex monticolus*	58895	AF No. = 58895	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79561	*Sorex monticolus*	58940	AF No. = 58940	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79490	*Sorex monticolus*	59038	AF No. = 59038	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79492	*Sorex monticolus*	59041	AF No. = 59041	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79143	*Sorex monticolus*	59901	AF No. = 59901	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79114	*Sorex monticolus*	59938	AF No. = 59938	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79104	*Sorex monticolus*	59941	AF No. = 59941	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79105	*Sorex monticolus*	59942	AF No. = 59942	2002.32	68d 4m 50.9s N	152d 56m 31.4s W	Chandler Lake	GAAR	Agiak Lake	13-Jul-02
79155	*Sorex monticolus*	59950	AF No. = 59950	2002.32	68d 4m 52.9s N	152d 56m 37s W	Chandler Lake	GAAR	Agiak Lake	12-Jul-02
79142	*Sorex monticolus*	59951	AF No. = 59951	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79119	*Sorex monticolus*	59952	AF No. = 59952	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79120	*Sorex monticolus*	59953	AF No. = 59953	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
79118	*Sorex monticolus*	59955	AF No. = 59955	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	14-Jul-02
78736	*Sorex monticolus*	61029	AF No. = 61029	2002.32	68d 4m 39.8s N	152d 55m 14.8s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78514	*Sorex monticolus*	61030	AF No. = 61030	2002.32	68d 4m 51.2s N	152d 56m 25s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78702	*Sorex monticolus*	61031	AF No. = 61031	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78789	*Sorex monticolus*	61032	AF No. = 61032	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78790	*Sorex monticolus*	61033	AF No. = 61033	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78791	*Sorex monticolus*	61034	AF No. = 61034	2002.32	68d 5m 1.4s N	152d 57m 36.2s W	Chandler Lake	GAAR	Agiak Lake	15-Jul-02
78709	*Sorex monticolus*	61115	AF No. = 61115	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78710	*Sorex monticolus*	61116	AF No. = 61116	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78711	*Sorex monticolus*	61117	AF No. = 61117	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78712	*Sorex monticolus*	61118	AF No. = 61118	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78727	*Sorex monticolus*	61119	AF No. = 61119	2002.32	68d 4m 52.2s N	152d 56m 54.3s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78713	*Sorex monticolus*	61169	AF No. = 61169	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	16-Jul-02
78714	*Sorex monticolus*	61170	AF No. = 61170	2002.32	68d 4m 48.4s N	152d 56m 44.1s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78863	*Sorex monticolus*	61171	AF No. = 61171	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78864	*Sorex monticolus*	61172	AF No. = 61172	2002.32	68d 4m 51.9s N	152d 57m 55s W	Chandler Lake	GAAR	Agiak Lake	17-Jul-02
78453	*Sorex monticolus*	61739	AF No. = 61739	2002.32	68d 34m 37.9s N	152d 57m 13.7s W	Chandler Lake	GAAR	Fortress Mtn.	29-Jul-02
78434	*Sorex monticolus*	61831	AF No. = 61831	2002.32	68d 34m 44s N	152d 57m 23.3s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
78908	*Sorex monticolus*	61876	AF No. = 61876	2002.32	68d 16m 38.5s N	150d 39m 19.6s W	Chandler Lake	GAAR	Nanushuk River	3-Aug-02
82036	*Sorex tundrensis*	58200	AF No. = 58200	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82134	*Sorex tundrensis*	58246	AF No. = 58246	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82047	*Sorex tundrensis*	58251	AF No. = 58251	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82157	*Sorex tundrensis*	58289	AF No. = 58289	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82062	*Sorex tundrensis*	58303	AF No. = 58303	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	14-Jul-02
82063	*Sorex tundrensis*	58304	AF No. = 58304	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	14-Jul-02
82067	*Sorex tundrensis*	58314	AF No. = 58314	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82068	*Sorex tundrensis*	58315	AF No. = 58315	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82069	*Sorex tundrensis*	58316	AF No. = 58316	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82262	*Sorex tundrensis*	58318	AF No. = 58318	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82072	*Sorex tundrensis*	58323	AF No. = 58323	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82244	*Sorex tundrensis*	58395	AF No. = 58395	2002.31	68d 7m 14.6s N	154d 7m 22.7s W	Killik River	GAAR	Easter Creek, 450 m N of Lake Tulilik	17-Jul-02
82245	*Sorex tundrensis*	58406	AF No. = 58406	2002.31	68d 6m 57.9s N	154d 6m 34.3s W	Killik River	GAAR	NE side of Lake Tulilik	17-Jul-02
82250	*Sorex tundrensis*	58424	AF No. = 58424	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
81945	*Sorex tundrensis*	58455	AF No. = 58455	2002.31	67d 43m 37.3s N	156d 9m 42.2s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81947	*Sorex tundrensis*	58457	AF No. = 58457	2002.31	67d 43m 38.7s N	156d 9m 31.6s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
81908	*Sorex tundrensis*	58465	AF No. = 58465	2002.31	67d 43m 38.7s N	156d 9m 31.6s W	Ambler River	GAAR and Preserve	N of Lake Isiak	20-Jul-02
82029	*Sorex tundrensis*	58478	AF No. = 58478	2002.31	67d 43m 38.7s N	156d 9m 31.6s W	Ambler River	GAAR and Preserve	N of Lake Isiak	21-Jul-02
82012	*Sorex tundrensis*	58498	AF No. = 58498	2002.31	67d 42m 56s N	156d 8m 58.7s W	Ambler River	GAAR and Preserve	SW side of Lake Isiak	22-Jul-02
82016	*Sorex tundrensis*	58506	AF No. = 58506	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
81911	*Sorex tundrensis*	58515	AF No. = 58515	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
82025	*Sorex tundrensis*	58535	AF No. = 58535	2002.31	67d 43m 38.7s N	156d 9m 31.6s W	Ambler River	GAAR and Preserve	N of Lake Isiak	23-Jul-02
81777	*Sorex tundrensis*	58635	AF No. = 58635	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
81783	*Sorex tundrensis*	58641	AF No. = 58641	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
81806	*Sorex tundrensis*	58751	AF No. = 58751	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	30-Jul-02
81808	*Sorex tundrensis*	58761	AF No. = 58761	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	30-Jul-02
81818	*Sorex tundrensis*	58826	AF No. = 58826	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
81820	*Sorex tundrensis*	58828	AF No. = 58828	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
81825	*Sorex tundrensis*	58839	AF No. = 58839	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
81827	*Sorex tundrensis*	58841	AF No. = 58841	2002.31	67d 21m 38s N	153d 40m 12s W	Survey Pass	GAAR	NW side of Takahula Lake	31-Jul-02
79559	*Sorex tundrensis*	59077	AF No. = 59077	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	6-Aug-02
79542	*Sorex tundrensis*	59154	AF No. = 59154	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	8-Aug-02
82135	*Sorex ugyunak*	58247	AF No. = 58247	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82048	*Sorex ugyunak*	58252	AF No. = 58252	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
82035	*Sorex ugyunak*	58253	AF No. = 58253	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
82058	*Sorex ugyunak*	58290	AF No. = 58290	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82071	*Sorex ugyunak*	58322	AF No. = 58322	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	16-Jul-02
82073	*Sorex ugyunak*	58324	AF No. = 58324	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	15-Jul-02
82089	*Sorex ugyunak*	58371	AF No. = 58371	2002.31	68d 6m 29.5s N	154d 8m 22s W	Killik River	GAAR	1 km SW of Lake Tulilik	16-Jul-02
82243	*Sorex ugyunak*	58385	AF No. = 58385	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	17-Jul-02
82247	*Sorex ugyunak*	58421	AF No. = 58421	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82248	*Sorex ugyunak*	58422	AF No. = 58422	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	18-Jul-02
82001	*Sorex ugyunak*	58439	AF No. = 58439	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	19-Jul-02
82011	*Sorex ugyunak*	58491	AF No. = 58491	2002.31	67d 42m 27.5s N	156d 10m 9.2s W	Ambler River	GAAR and Preserve	confluence of Ipnelivik River and Noatak River	22-Jul-02
82017	*Sorex ugyunak*	58507	AF No. = 58507	2002.31	67d 43m 40.6s N	156d 9m 50.8s W	Ambler River	GAAR and Preserve	N of Lake Isiak	22-Jul-02
82020	*Sorex ugyunak*	58528	AF No. = 58528	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
79575	*Sorex ugyunak*	58580	AF No. = 58580	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
81772	*Sorex ugyunak*	58627	AF No. = 58627	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
81776	*Sorex ugyunak*	58634	AF No. = 58634	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
78479	*Sorex ugyunak*	61835	AF No. = 61835	2002.32	68d 34m 51.2s N	152d 56m 51.5s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
82195	*Sorex ugyunak ?*	58248	AF No. = 58248	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	13-Jul-02
78467	*Sorex yukonicus*	61829	AF No. = 61829	2002.32	68d 31m 39.6s N	152d 57m 8.8s W	Chandler Lake	GAAR	Fortress Mtn.	30-Jul-02
82257	*Spermophilus parryii*	58245	AF No. = 58245	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	12-Jul-02
82162	*Spermophilus parryii*	58302	AF No. = 58302	2002.31	68d 7m .5s N	154d 7m 12.6s W	Killik River	GAAR	N side of Lake Tulilik	14-Jul-02
82066	*Spermophilus parryii*	58313	AF No. = 58313	2002.31	68d 6m 11.6s N	154d 8m 59.3s W	Killik River	GAAR	1.9 km SW of Lake Tulilik	15-Jul-02
82190	*Spermophilus parryii*	58357	AF No. = 58357	2002.31	68d 6m 11.6s N	154d 8m 59.3s W	Killik River	GAAR	1.9 km SW of Lake Tulilik	15-Jul-02
82192	*Spermophilus parryii*	58384	AF No. = 58384	2002.31	68d 6m 11.6s N	154d 8m 59.3s W	Killik River	GAAR	1.9 km SW of Lake Tulilik	16-Jul-02
82194	*Spermophilus parryii*	58435	AF No. = 58435	2002.31	68d 6m 11.6s N	154d 8m 59.3s W	Killik River	GAAR	1.9 km SW of Lake Tulilik	18-Jul-02
81984	*Spermophilus parryii*	58527	AF No. = 58527	2002.31	67d 43m 19.7s N	156d 3m 53.2s W	Ambler River	GAAR and Preserve	2.5 km NW of Lake Isiak	23-Jul-02
81989	*Spermophilus parryii*	58542	AF No. = 58542	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
81990	*Spermophilus parryii*	58543	AF No. = 58543	2002.31	67d 43m 9.5s N	156d 8m 17.6s W	Ambler River	GAAR and Preserve	E side of Lake Isiak	23-Jul-02
79165	*Spermophilus parryii*	61870	AF No. = 61870	2002.32	68d 34m 11.1s N	152d 57m 3s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79163	*Spermophilus parryii*	61871	AF No. = 61871	2002.32	68d 34m 11.1s N	152d 57m 3s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02
79164	*Spermophilus parryii*	61872	AF No. = 61872	2002.32	68d 34m 47.4s N	152d 57m 16.4s W	Chandler Lake	GAAR	Fortress Mtn.	31-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79000	*Spermophilus parryii*	62064	AF No. = 62064	2002.32	68d 16m 31.7s N	150d 39m 46.4s W	Chandler Lake	GAAR	Nanushuk River	5-Aug-02
79570	*Synaptomys borealis*	58570	AF No. = 58570	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	26-Jul-02
79580	*Synaptomys borealis*	58592	AF No. = 58592	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79586	*Synaptomys borealis*	58611	AF No. = 58611	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	27-Jul-02
79589	*Synaptomys borealis*	58618	AF No. = 58618	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79590	*Synaptomys borealis*	58619	AF No. = 58619	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79596	*Synaptomys borealis*	58628	AF No. = 58628	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	28-Jul-02
79598	*Synaptomys borealis*	58643	AF No. = 58643	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79601	*Synaptomys borealis*	58653	AF No. = 58653	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79605	*Synaptomys borealis*	58665	AF No. = 58665	2002.31	67d 21m 12s N	153d 40m 42.4s W	Survey Pass	GAAR	W side of Takahula Lake	28-Jul-02
81904	*Synaptomys borealis*	58679	AF No. = 58679	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	28-Jul-02
79611	*Synaptomys borealis*	58683	AF No. = 58683	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79612	*Synaptomys borealis*	58684	AF No. = 58684	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79613	*Synaptomys borealis*	58701	AF No. = 58701	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	29-Jul-02
81906	*Synaptomys borealis*	58732	AF No. = 58732	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	29-Jul-02
79638	*Synaptomys borealis*	58820	AF No. = 58820	2002.31	67d 21m .1s N	153d 38m 42.4s W	Survey Pass	GAAR	SE side of Takahula Lake	31-Jul-02
79644	*Synaptomys borealis*	58870	AF No. = 58870	2002.31	67d 20m 44.6s N	153d 39m 36.9s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
79645	*Synaptomys borealis*	58873	AF No. = 58873	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
81907	*Synaptomys borealis*	58877	AF No. = 58877	2002.31	67d 20m 47.8s N	153d 39m 53.1s W	Survey Pass	GAAR	S side of Takahula Lake	1-Aug-02
79246	*Synaptomys borealis*	58878	AF No. = 58878	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	2-Aug-02
79361	*Synaptomys borealis*	58904	AF No. = 58904	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79362	*Synaptomys borealis*	58905	AF No. = 58905	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79363	*Synaptomys borealis*	58906	AF No. = 58906	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79364	*Synaptomys borealis*	58907	AF No. = 58907	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79365	*Synaptomys borealis*	58908	AF No. = 58908	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79326	*Synaptomys borealis*	58910	AF No. = 58910	2002.31	67d 5m 50s N	154d 15m 54.8s W	Survey Pass	GAAR	SE side of Walker Lake	2-Aug-02
79263	*Synaptomys borealis*	58925	AF No. = 58925	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	3-Aug-02
79405	*Synaptomys borealis*	58977	AF No. = 58977	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79406	*Synaptomys borealis*	58978	AF No. = 58978	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	3-Aug-02
79382	*Synaptomys borealis*	58982	AF No. = 58982	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79383	*Synaptomys borealis*	58983	AF No. = 58983	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
79410	*Synaptomys borealis*	59026	AF No. = 59026	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79411	*Synaptomys borealis*	59027	AF No. = 59027	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79412	*Synaptomys borealis*	59028	AF No. = 59028	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	4-Aug-02
79395	*Synaptomys borealis*	59040	AF No. = 59040	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79396	*Synaptomys borealis*	59042	AF No. = 59042	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79418	*Synaptomys borealis*	59064	AF No. = 59064	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79493	*Synaptomys borealis*	59066	AF No. = 59066	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	5-Aug-02
79422	*Synaptomys borealis*	59073	AF No. = 59073	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79441	*Synaptomys borealis*	59096	AF No. = 59096	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	6-Aug-02
79460	*Synaptomys borealis*	59115	AF No. = 59115	2002.31	67d 5m 46.1s N	154d 15m 59.8s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79464	*Synaptomys borealis*	59121	AF No. = 59121	2002.31	67d 6m 10.4s N	154d 16m 17.5s W	Survey Pass	GAAR	unnamed pond at SE side of Walker Lake	7-Aug-02
79555	*Synaptomys borealis*	59134	AF No. = 59134	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79472	*Synaptomys borealis*	59135	AF No. = 59135	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79476	*Synaptomys borealis*	59139	AF No. = 59139	2002.31	67d 6m 21.3s N	154d 16m 14.2s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79499	*Synaptomys borealis*	59153	AF No. = 59153	2002.31	67d 6m 11.5s N	154d 16m 26.6s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79547	*Synaptomys borealis*	59159	AF No. = 59159	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
79500	*Synaptomys borealis*	59167	AF No. = 59167	2002.31	67d 6m 2.9s N	154d 16m 15.4s W	Survey Pass	GAAR	SE side of Walker Lake	8-Aug-02
79212	*Synaptomys borealis*	61111	AF No. = 61111	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78616	*Synaptomys borealis*	61230	AF No. = 61230	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	19-Jul-02
78548	*Synaptomys borealis*	61244	AF No. = 61244	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78554	*Synaptomys borealis*	61250	AF No. = 61250	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78623	*Synaptomys borealis*	61259	AF No. = 61259	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78561	*Synaptomys borealis*	61274	AF No. = 61274	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	20-Jul-02
78639	*Synaptomys borealis*	61282	AF No. = 61282	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78605	*Synaptomys borealis*	61289	AF No. = 61289	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78569	*Synaptomys borealis*	61332	AF No. = 61332	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78610	*Synaptomys borealis*	61336	AF No. = 61336	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78645	*Synaptomys borealis*	61354	AF No. = 61354	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78646	*Synaptomys borealis*	61355	AF No. = 61355	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78648	*Synaptomys borealis*	61357	AF No. = 61357	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
78695	*Synaptomys borealis*	61386	AF No. = 61386	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
79210	*Synaptomys borealis*	61390	AF No. = 61390	2002.32	67d 27m 20.7s N	150d 51m 31.6s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
78583	*Synaptomys borealis*	61397	AF No. = 61397	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78584	*Synaptomys borealis*	61398	AF No. = 61398	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78285	*Synaptomys borealis*	61601	AF No. = 61601	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78276	*Synaptomys borealis*	61607	AF No. = 61607	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78253	*Synaptomys borealis*	61615	AF No. = 61615	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78356	*Synaptomys borealis*	61644	AF No. = 61644	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	23-Jul-02
78331	*Synaptomys borealis*	61654	AF No. = 61654	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78335	*Synaptomys borealis*	61658	AF No. = 61658	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78361	*Synaptomys borealis*	61659	AF No. = 61659	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78258	*Synaptomys borealis*	61663	AF No. = 61663	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78282	*Synaptomys borealis*	61664	AF No. = 61664	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78283	*Synaptomys borealis*	61665	AF No. = 61665	2002.32	67d 27m 27.3s N	150d 51m 41.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78338	*Synaptomys borealis*	61669	AF No. = 61669	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78249	*Synaptomys borealis*	61670	AF No. = 61670	2002.32	67d 27m 19.7s N	150d 51m 29.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78260	*Synaptomys borealis*	61672	AF No. = 61672	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78261	*Synaptomys borealis*	61673	AF No. = 61673	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02

Table A1c (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
78262	*Synaptomys borealis*	61674	AF No. = 61674	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78366	*Synaptomys borealis*	61676	AF No. = 61676	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78339	*Synaptomys borealis*	61677	AF No. = 61677	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78367	*Synaptomys borealis*	61678	AF No. = 61678	2002.32	67d 27m 7.4s N	150d 51m 41.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78340	*Synaptomys borealis*	61680	AF No. = 61680	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78245	*Synaptomys borealis*	61703	AF No. = 61703	2002.32	67d 27m 21s N	150d 51m 22.3s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
79189	*Synaptomys borealis*	61790	AF No. = 61790	2002.32	67d 27m 11.2s N	150d 51m .1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
78375	*Synaptomys borealis*	61796	AF No. = 61796	2002.32	67d 27m 29.15s N	150d 51m 48.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	24-Jul-02
79488	*Tamiasciurus hudsonicus*	59152	AF No. = 59152	2002.31	67d 6m 9.4s N	154d 16m 32.5s W	Survey Pass	GAAR	SE side of Walker Lake	7-Aug-02
79187	*Tamiasciurus hudsonicus*	61347	AF No. = 61347	2002.32	67d 27m 21.8s N	150d 51m 35.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	21-Jul-02
79186	*Tamiasciurus hudsonicus*	61349	AF No. = 61349	2002.32	67d 27m 23.4s N	150d 51m 44.5s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
79185	*Tamiasciurus hudsonicus*	61350	AF No. = 61350	2002.32	67d 27m 24.8s N	150d 51m 24.1s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02
79184	*Tamiasciurus hudsonicus*	61371	AF No. = 61371	2002.32	67d 27m 41.5s N	150d 51m 37.9s W	Wiseman	GAAR	North Fork Koyukuk River	22-Jul-02
79183	*Tamiasciurus hudsonicus*	61374	AF No. = 61374	2002.32	67d 27m 26.8s N	150d 51m 48.8s W	Wiseman	GAAR	unnamed lake near North Fork Koyukuk River	22-Jul-02

Table A1d. Mammal specimens in the University of Alaska Museum (UAM) from BCP/NPS inventories of the **Kobuk Valley National Park**, Alaska, field seasons 2000–2003.

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
54974	*Clethrionomys rutilus*	37219	AF No. = 37219	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	5-Aug-00
54976	*Clethrionomys rutilus*	37222	AF No. = 37222	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54714	*Clethrionomys rutilus*	37224	AF No. = 37224	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54977	*Clethrionomys rutilus*	37225	AF No. = 37225	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54978	*Clethrionomys rutilus*	37226	AF No. = 37226	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54979	*Clethrionomys rutilus*	37227	AF No. = 37227	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54983	*Clethrionomys rutilus*	37228	AF No. = 37228	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54980	*Clethrionomys rutilus*	37229	AF No. = 37229	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54981	*Clethrionomys rutilus*	37230	AF No. = 37230	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54982	*Clethrionomys rutilus*	37231	AF No. = 37231	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54984	*Clethrionomys rutilus*	37232	AF No. = 37232	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54985	*Clethrionomys rutilus*	37233	AF No. = 37233	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54760	*Clethrionomys rutilus*	37240	AF No. = 37240	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	6-Aug-00
54761	*Clethrionomys rutilus*	37241	AF No. = 37241	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	6-Aug-00
54762	*Clethrionomys rutilus*	37242	AF No. = 37242	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	6-Aug-00
54763	*Clethrionomys rutilus*	37243	AF No. = 37243	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	6-Aug-00
54715	*Clethrionomys rutilus*	37245	AF No. = 37245	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54716	*Clethrionomys rutilus*	37246	AF No. = 37246	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54717	*Clethrionomys rutilus*	37247	AF No. = 37247	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	6-Aug-00
54718	*Clethrionomys rutilus*	37248	AF No. = 37248	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54719	*Clethrionomys rutilus*	37249	AF No. = 37249	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54720	*Clethrionomys rutilus*	37250	AF No. = 37250	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54994	*Clethrionomys rutilus*	37260	AF No. = 37260	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	7-Aug-00
54995	*Clethrionomys rutilus*	37261	AF No. = 37261	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	7-Aug-00
54996	*Clethrionomys rutilus*	37262	AF No. = 37262	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	7-Aug-00
54997	*Clethrionomys rutilus*	37263	AF No. = 37263	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	7-Aug-00
54999	*Clethrionomys rutilus*	37265	AF No. = 37265	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00
55000	*Clethrionomys rutilus*	37266	AF No. = 37266	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00
55001	*Clethrionomys rutilus*	37267	AF No. = 37267	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55002	*Clethrionomys rutilus*	37268	AF No. = 37268	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00
55003	*Clethrionomys rutilus*	37269	AF No. = 37269	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00
54731	*Clethrionomys rutilus*	37273	AF No. = 37273	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54732	*Clethrionomys rutilus*	37274	AF No. = 37274	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54733	*Clethrionomys rutilus*	37275	AF No. = 37275	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54734	*Clethrionomys rutilus*	37276	AF No. = 37276	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54735	*Clethrionomys rutilus*	37277	AF No. = 37277	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54736	*Clethrionomys rutilus*	37278	AF No. = 37278	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54737	*Clethrionomys rutilus*	37279	AF No. = 37279	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54765	*Clethrionomys rutilus*	37280	AF No. = 37280	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	7-Aug-00
54766	*Clethrionomys rutilus*	37281	AF No. = 37281	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	7-Aug-00
54767	*Clethrionomys rutilus*	37282	AF No. = 37282	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	7-Aug-00
54768	*Clethrionomys rutilus*	37283	AF No. = 37283	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	7-Aug-00
54769	*Clethrionomys rutilus*	37284	AF No. = 37284	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	7-Aug-00
55073	*Clethrionomys rutilus*	37296	AF No. = 37296	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE Kobuk Sand Dunes	7-Aug-00
55055	*Clethrionomys rutilus*	37297	AF No. = 37297	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00
54770	*Clethrionomys rutilus*	37301	AF No. = 37301	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	8-Aug-00
54771	*Clethrionomys rutilus*	37302	AF No. = 37302	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	8-Aug-00
54772	*Clethrionomys rutilus*	37303	AF No. = 37303	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	8-Aug-00
54773	*Clethrionomys rutilus*	37304	AF No. = 37304	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	8-Aug-00
54774	*Clethrionomys rutilus*	37305	AF No. = 37305	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	8-Aug-00
54739	*Clethrionomys rutilus*	37308	AF No. = 37308	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
54740	*Clethrionomys rutilus*	37309	AF No. = 37309	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
54741	*Clethrionomys rutilus*	37310	AF No. = 37310	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
54742	*Clethrionomys rutilus*	37311	AF No. = 37311	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
55086	*Clethrionomys rutilus*	37328	AF No. = 37328	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55087	*Clethrionomys rutilus*	37329	AF No. = 37329	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55088	*Clethrionomys rutilus*	37330	AF No. = 37330	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55089	*Clethrionomys rutilus*	37331	AF No. = 37331	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55090	*Clethrionomys rutilus*	37332	AF No. = 37332	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55091	*Clethrionomys rutilus*	37333	AF No. = 37333	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55092	*Clethrionomys rutilus*	37334	AF No. = 37334	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55093	*Clethrionomys rutilus*	37335	AF No. = 37335	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55094	*Clethrionomys rutilus*	37336	AF No. = 37336	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55095	*Clethrionomys rutilus*	37337	AF No. = 37337	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55096	*Clethrionomys rutilus*	37338	AF No. = 37338	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55097	*Clethrionomys rutilus*	37339	AF No. = 37339	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55098	*Clethrionomys rutilus*	37340	AF No. = 37340	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55099	*Clethrionomys rutilus*	37341	AF No. = 37341	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55100	*Clethrionomys rutilus*	37342	AF No. = 37342	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55101	*Clethrionomys rutilus*	37343	AF No. = 37343	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55102	*Clethrionomys rutilus*	37344	AF No. = 37344	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55103	*Clethrionomys rutilus*	37345	AF No. = 37345	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55104	*Clethrionomys rutilus*	37346	AF No. = 37346	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55105	*Clethrionomys rutilus*	37347	AF No. = 37347	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
55106	*Clethrionomys rutilus*	37348	AF No. = 37348	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
54747	*Clethrionomys rutilus*	37350	AF No. = 37350	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54748	*Clethrionomys rutilus*	37351	AF No. = 37351	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54749	*Clethrionomys rutilus*	37352	AF No. = 37352	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54752	*Clethrionomys rutilus*	37353	AF No. = 37353	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54750	*Clethrionomys rutilus*	37354	AF No. = 37354	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54751	*Clethrionomys rutilus*	37355	AF No. = 37355	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54753	*Clethrionomys rutilus*	37356	AF No. = 37356	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54756	*Clethrionomys rutilus*	37359	AF No. = 37359	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54776	*Clethrionomys rutilus*	37360	AF No. = 37360	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	9-Aug-00
54777	*Clethrionomys rutilus*	37361	AF No. = 37361	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	9-Aug-00
55059	*Clethrionomys rutilus*	37363	AF No. = 37363	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	9-Aug-00
55060	*Clethrionomys rutilus*	37364	AF No. = 37364	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	9-Aug-00
56702	*Clethrionomys rutilus*	48621	AF No. = 48621	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56703	*Clethrionomys rutilus*	48622	AF No. = 48622	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56704	*Clethrionomys rutilus*	48623	AF No. = 48623	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56705	*Clethrionomys rutilus*	48624	AF No. = 48624	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56706	*Clethrionomys rutilus*	48625	AF No. = 48625	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56707	*Clethrionomys rutilus*	48626	AF No. = 48626	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56709	*Clethrionomys rutilus*	48638	AF No. = 48638	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56710	*Clethrionomys rutilus*	48641	AF No. = 48641	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56715	*Clethrionomys rutilus*	48650	AF No. = 48650	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56716	*Clethrionomys rutilus*	48651	AF No. = 48651	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56717	*Clethrionomys rutilus*	48652	AF No. = 48652	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56718	*Clethrionomys rutilus*	48653	AF No. = 48653	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56723	*Clethrionomys rutilus*	48673	AF No. = 48673	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	7-Aug-01
56724	*Clethrionomys rutilus*	48674	AF No. = 48674	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	7-Aug-01
56725	*Clethrionomys rutilus*	48675	AF No. = 48675	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	7-Aug-01
56726	*Clethrionomys rutilus*	48676	AF No. = 48676	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	7-Aug-01
56727	*Clethrionomys rutilus*	48677	AF No. = 48677	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	7-Aug-01
56501	*Clethrionomys rutilus*	48695	AF No. = 48695	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56502	*Clethrionomys rutilus*	48696	AF No. = 48696	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56524	*Clethrionomys rutilus*	48719	AF No. = 48719	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56525	*Clethrionomys rutilus*	48720	AF No. = 48720	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56534	*Clethrionomys rutilus*	48729	AF No. = 48729	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56536	*Clethrionomys rutilus*	48733	AF No. = 48733	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56537	*Clethrionomys rutilus*	48734	AF No. = 48734	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56538	*Clethrionomys rutilus*	48735	AF No. = 48735	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56539	*Clethrionomys rutilus*	48736	AF No. = 48736	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56540	*Clethrionomys rutilus*	48737	AF No. = 48737	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56541	*Clethrionomys rutilus*	48738	AF No. = 48738	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56542	*Clethrionomys rutilus*	48739	AF No. = 48739	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56543	*Clethrionomys rutilus*	48740	AF No. = 48740	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56544	*Clethrionomys rutilus*	48741	AF No. = 48741	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56545	*Clethrionomys rutilus*	48742	AF No. = 48742	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56561	*Clethrionomys rutilus*	48760	AF No. = 48760	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
56562	*Clethrionomys rutilus*	48761	AF No. = 48761	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
56563	*Clethrionomys rutilus*	48762	AF No. = 48762	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
56564	*Clethrionomys rutilus*	48763	AF No. = 48763	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
56566	*Clethrionomys rutilus*	48765	AF No. = 48765	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
93399	*Clethrionomys rutilus*		IF (Idaho) = 10754	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93447	*Clethrionomys rutilus*		IF (Idaho) = 10776	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93435	*Clethrionomys rutilus*		IF (Idaho) = 10791	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93467	*Clethrionomys rutilus*		IF (Idaho) = 10815	2003.39	67d 28m 45.9s N	158d 14m 36.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93477	*Clethrionomys rutilus*		IF (Idaho) = 10830	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93476	*Clethrionomys rutilus*		IF (Idaho) = 10831	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93475	*Clethrionomys rutilus*		IF (Idaho) = 10834	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93481	*Clethrionomys rutilus*		IF (Idaho) = 10835	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93473	*Clethrionomys rutilus*		IF (Idaho) = 10836	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93404	*Clethrionomys rutilus*		IF (Idaho) = 10837	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93492	*Clethrionomys rutilus*		IF (Idaho) = 10849	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93508	*Clethrionomys rutilus*		IF (Idaho) = 10850	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93509	*Clethrionomys rutilus*		IF (Idaho) = 10851	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93523	*Clethrionomys rutilus*		IF (Idaho) = 10857	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93516	*Clethrionomys rutilus*		IF (Idaho) = 10858	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93507	*Clethrionomys rutilus*		IF (Idaho) = 10859	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93518	*Clethrionomys rutilus*		IF (Idaho) = 10860	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93431	*Clethrionomys rutilus*		IF (Idaho) = 10861	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93366	*Clethrionomys rutilus*		IF (Idaho) = 10862	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93365	*Clethrionomys rutilus*		IF (Idaho) = 10863	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93350	*Clethrionomys rutilus*		IF (Idaho) = 10876	2003.39	67d 0m 29s N	158d 28m 48.5s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93351	*Clethrionomys rutilus*		IF (Idaho) = 10876	2003.39	67d 0m 29s N	158d 28m 48.5s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93359	*Clethrionomys rutilus*		IF (Idaho) = 10879	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
93384	*Clethrionomys rutilus*		IF (Idaho) = 10880	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93383	*Clethrionomys rutilus*		IF (Idaho) = 10881	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93382	*Clethrionomys rutilus*		IF (Idaho) = 10882	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93381	*Clethrionomys rutilus*		IF (Idaho) = 10883	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93380	*Clethrionomys rutilus*		IF (Idaho) = 10884	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93374	*Clethrionomys rutilus*		IF (Idaho) = 10889	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93373	*Clethrionomys rutilus*		IF (Idaho) = 10890	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93342	*Clethrionomys rutilus*		IF (Idaho) = 10896	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93320	*Clethrionomys rutilus*		IF (Idaho) = 10897	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93326	*Clethrionomys rutilus*		IF (Idaho) = 10900	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93483	*Clethrionomys rutilus*		IF (Idaho) = 10901	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93484	*Clethrionomys rutilus*		IF (Idaho) = 10902	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93325	*Clethrionomys rutilus*		IF (Idaho) = 10903	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93495	*Clethrionomys rutilus*		IF (Idaho) = 10910	2003.39	67d 0m 29s N	158d 28m 48.5s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93506	*Clethrionomys rutilus*		IF (Idaho) = 10911	2003.39	67d 0m 25.5s N	158d 28m 49.1s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93498	*Clethrionomys rutilus*		IF (Idaho) = 10912	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93490	*Clethrionomys rutilus*		IF (Idaho) = 10913	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93500	*Clethrionomys rutilus*		IF (Idaho) = 10914	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93501	*Clethrionomys rutilus*		IF (Idaho) = 10915	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93502	*Clethrionomys rutilus*		IF (Idaho) = 10916	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93503	*Clethrionomys rutilus*		IF (Idaho) = 10917	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93504	*Clethrionomys rutilus*		IF (Idaho) = 10918	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93505	*Clethrionomys rutilus*		IF (Idaho) = 10919	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93491	*Clethrionomys rutilus*		IF (Idaho) = 10920	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93496	*Clethrionomys rutilus*		IF (Idaho) = 10921	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93343	*Clethrionomys rutilus*		IF (Idaho) = 10940	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93378	*Dicrostonyx groenlandicus*		IF (Idaho) = 10885	2003.39	67d 0m 30.5s N	158d 28m 54.9s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93379	*Dicrostonyx groenlandicus*		IF (Idaho) = 10885	2003.39	67d 0m 30.5s N	158d 28m 54.9s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
56500	*Lemmus trimucronatus*	48694	AF No. = 48694	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56547	*Lemmus trimucronatus*	48744	AF No. = 48744	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
94545	*Microtus miurus*		IF (Idaho) = 10734	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03
93416	*Microtus miurus*		IF (Idaho) = 10737	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
93419	*Microtus miurus*		IF (Idaho) = 10740	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03
93396	*Microtus miurus*		IF (Idaho) = 10741	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93394	*Microtus miurus*		IF (Idaho) = 10742	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93390	*Microtus miurus*		IF (Idaho) = 10745	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93444	*Microtus miurus*		IF (Idaho) = 10765	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	20-Jul-03
93430	*Microtus miurus*		IF (Idaho) = 10775	2003.39	67d 29m 10.9s N	158d 13m 46.6s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93445	*Microtus miurus*		IF (Idaho) = 10777	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93422	*Microtus miurus*		IF (Idaho) = 10778	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93423	*Microtus miurus*		IF (Idaho) = 10779	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93424	*Microtus miurus*		IF (Idaho) = 10780	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93425	*Microtus miurus*		IF (Idaho) = 10781	2003.39	67d 29m 8.7s N	158d 14m 48.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93426	*Microtus miurus*		IF (Idaho) = 10782	2003.39	67d 29m 8.7s N	158d 14m 48.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93427	*Microtus miurus*		IF (Idaho) = 10783	2003.39	67d 29m 8.7s N	158d 14m 48.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93437	*Microtus miurus*		IF (Idaho) = 10784	2003.39	67d 29m 8.7s N	158d 14m 48.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93368	*Microtus miurus*		IF (Idaho) = 10785	2003.39	67d 29m 8.7s N	158d 14m 48.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93434	*Microtus miurus*		IF (Idaho) = 10790	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93439	*Microtus miurus*		IF (Idaho) = 10793	2003.39	67d 29m 3.6s N	158d 14m 38s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93386	*Microtus miurus*		IF (Idaho) = 10794	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93334	*Microtus miurus*		IF (Idaho) = 10797	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	24-Jul-03
93335	*Microtus miurus*		IF (Idaho) = 10797	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	24-Jul-03
93409	*Microtus miurus*		IF (Idaho) = 10800	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	25-Jul-03
93487	*Microtus miurus*		IF (Idaho) = 10803	2003.39	67d 28m 56.2s N	158d 14m 5.9s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	25-Jul-03
93459	*Microtus miurus*		IF (Idaho) = 10806	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	26-Jul-03

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
93461	*Microtus miurus*		IF (Idaho) = 10808	2003.39	67d 28m 56.2s N	158d 14m 51.9s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	26-Jul-03
93462	*Microtus miurus*		IF (Idaho) = 10809	2003.39	67d 28m 56.2s N	158d 14m 51.9s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	26-Jul-03
93472	*Microtus miurus*		IF (Idaho) = 10810	2003.39	67d 28m 56.2s N	158d 14m 51.9s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	26-Jul-03
93464	*Microtus miurus*		IF (Idaho) = 10811	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	26-Jul-03
93494	*Microtus miurus*		IF (Idaho) = 10812	2003.39	67d 29m 7.7s N	158d 13m 59.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93466	*Microtus miurus*		IF (Idaho) = 10813	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93482	*Microtus miurus*		IF (Idaho) = 10814	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93339	*Microtus miurus*		IF (Idaho) = 10817	2003.39	67d 29m 3.6s N	158d 14m 38s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93331	*Microtus miurus*		IF (Idaho) = 10818	2003.39	67d 28m 56.2s N	158d 14m 51.9s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93329	*Microtus miurus*		IF (Idaho) = 10819	2003.39	67d 28m 56.2s N	158d 14m 51.9s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93348	*Microtus miurus*		IF (Idaho) = 10820	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93338	*Microtus miurus*		IF (Idaho) = 10821	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
55107	*Microtus oeconomus*	37349	AF No. = 37349	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
56714	*Microtus oeconomus*	48645	AF No. = 48645	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56728	*Microtus oeconomus*	48683	AF No. = 48683	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	8-Aug-01
56729	*Microtus oeconomus*	48684	AF No. = 48684	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	8-Aug-01
56503	*Microtus oeconomus*	48697	AF No. = 48697	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56504	*Microtus oeconomus*	48698	AF No. = 48698	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56505	*Microtus oeconomus*	48699	AF No. = 48699	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56506	*Microtus oeconomus*	48700	AF No. = 48700	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56507	*Microtus oeconomus*	48701	AF No. = 48701	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56508	*Microtus oeconomus*	48702	AF No. = 48702	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56511	*Microtus oeconomus*	48705	AF No. = 48705	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56512	*Microtus oeconomus*	48706	AF No. = 48706	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56513	*Microtus oeconomus*	48707	AF No. = 48707	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56514	*Microtus oeconomus*	48708	AF No. = 48708	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56515	*Microtus oeconomus*	48709	AF No. = 48709	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56516	*Microtus oeconomus*	48710	AF No. = 48710	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56517	*Microtus oeconomus*	48711	AF No. = 48711	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56518	*Microtus oeconomus*	48712	AF No. = 48712	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56519	*Microtus oeconomus*	48713	AF No. = 48713	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56520	*Microtus oeconomus*	48714	AF No. = 48714	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56526	*Microtus oeconomus*	48721	AF No. = 48721	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56527	*Microtus oeconomus*	48722	AF No. = 48722	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56528	*Microtus oeconomus*	48723	AF No. = 48723	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56529	*Microtus oeconomus*	48724	AF No. = 48724	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56530	*Microtus oeconomus*	48725	AF No. = 48725	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56531	*Microtus oeconomus*	48726	AF No. = 48726	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56532	*Microtus oeconomus*	48727	AF No. = 48727	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56533	*Microtus oeconomus*	48728	AF No. = 48728	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56548	*Microtus oeconomus*	48745	AF No. = 48745	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56549	*Microtus oeconomus*	48746	AF No. = 48746	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56550	*Microtus oeconomus*	48747	AF No. = 48747	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56551	*Microtus oeconomus*	48748	AF No. = 48748	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56552	*Microtus oeconomus*	48749	AF No. = 48749	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56553	*Microtus oeconomus*	48751	AF No. = 48751	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56554	*Microtus oeconomus*	48752	AF No. = 48752	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56555	*Microtus oeconomus*	48753	AF No. = 48753	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56558	*Microtus oeconomus*	48757	AF No. = 48757	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
56559	*Microtus oeconomus*	48758	AF No. = 48758	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
56560	*Microtus oeconomus*	48759	AF No. = 48759	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
93463	*Microtus oeconomus*		IF (Idaho) = 10736	2003.39	67d 36m 9.9s N	159d 47m 38.8s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03
93403	*Microtus oeconomus*		IF (Idaho) = 10749	2003.39	67d 36m 9.9s N	159d 47m 38.8s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93401	*Microtus oeconomus*		IF (Idaho) = 10756	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93480	*Microtus oeconomus*		IF (Idaho) = 10828	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93408	*Microtus oeconomus*		IF (Idaho) = 10841	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93354	*Microtus oeconomus*		IF (Idaho) = 10873	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
93353	*Microtus oeconomus*		IF (Idaho) = 10874	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93357	*Microtus oeconomus*		IF (Idaho) = 10888	2003.39	67d 1m 42.8s N	158d 28m 11s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93371	*Microtus oeconomus*		IF (Idaho) = 10892	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93520	*Microtus oeconomus*		IF (Idaho) = 10908	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93521	*Microtus oeconomus*		IF (Idaho) = 10909	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93346	*Microtus oeconomus*		IF (Idaho) = 10937	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93345	*Microtus oeconomus*		IF (Idaho) = 10938	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93344	*Microtus oeconomus*		IF (Idaho) = 10939	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
54975	*Microtus xanthognathus*	37220	AF No. = 37220	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	5-Aug-00
55108	*Microtus xanthognathus*	37221	AF No. = 37221	2000.48	67d 11m 0s N	159d 7m 0s W	Baird Mts.	KOVA	Kobuk River	9-Aug-00
54759	*Microtus xanthognathus*	37223	AF No. = 37223	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	6-Aug-00
54986	*Microtus xanthognathus*	37234	AF No. = 37234	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54987	*Microtus xanthognathus*	37235	AF No. = 37235	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54988	*Microtus xanthognathus*	37236	AF No. = 37236	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54989	*Microtus xanthognathus*	37237	AF No. = 37237	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54990	*Microtus xanthognathus*	37238	AF No. = 37238	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54991	*Microtus xanthognathus*	37239	AF No. = 37239	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	6-Aug-00
54764	*Microtus xanthognathus*	37244	AF No. = 37244	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	6-Aug-00
54721	*Microtus xanthognathus*	37251	AF No. = 37251	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54722	*Microtus xanthognathus*	37252	AF No. = 37252	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54723	*Microtus xanthognathus*	37253	AF No. = 37253	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54724	*Microtus xanthognathus*	37254	AF No. = 37254	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54725	*Microtus xanthognathus*	37255	AF No. = 37255	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54726	*Microtus xanthognathus*	37256	AF No. = 37256	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54992	*Microtus xanthognathus*	37257	AF No. = 37257	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	7-Aug-00
54727	*Microtus xanthognathus*	37258	AF No. = 37258	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	6-Aug-00
54993	*Microtus xanthognathus*	37259	AF No. = 37259	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	7-Aug-00
54998	*Microtus xanthognathus*	37264	AF No. = 37264	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	7-Aug-00
54728	*Microtus xanthognathus*	37270	AF No. = 37270	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54729	*Microtus xanthognathus*	37271	AF No. = 37271	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
54730	*Microtus xanthognathus*	37272	AF No. = 37272	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	7-Aug-00
55062	*Microtus xanthognathus*	37285	AF No. = 37285	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
55063	*Microtus xanthognathus*	37286	AF No. = 37286	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55064	*Microtus xanthognathus*	37287	AF No. = 37287	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55065	*Microtus xanthognathus*	37288	AF No. = 37288	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55066	*Microtus xanthognathus*	37289	AF No. = 37289	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55067	*Microtus xanthognathus*	37290	AF No. = 37290	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55068	*Microtus xanthognathus*	37291	AF No. = 37291	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55069	*Microtus xanthognathus*	37292	AF No. = 37292	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55070	*Microtus xanthognathus*	37293	AF No. = 37293	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55071	*Microtus xanthognathus*	37294	AF No. = 37294	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55072	*Microtus xanthognathus*	37295	AF No. = 37295	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	7-Aug-00
55056	*Microtus xanthognathus*	37298	AF No. = 37298	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00
55057	*Microtus xanthognathus*	37299	AF No. = 37299	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00
55058	*Microtus xanthognathus*	37300	AF No. = 37300	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	8-Aug-00
54775	*Microtus xanthognathus*	37306	AF No. = 37306	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	8-Aug-00
54743	*Microtus xanthognathus*	37312	AF No. = 37312	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
54744	*Microtus xanthognathus*	37313	AF No. = 37313	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
54745	*Microtus xanthognathus*	37314	AF No. = 37314	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
54746	*Microtus xanthognathus*	37315	AF No. = 37315	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
55074	*Microtus xanthognathus*	37316	AF No. = 37316	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55075	*Microtus xanthognathus*	37317	AF No. = 37317	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55076	*Microtus xanthognathus*	37318	AF No. = 37318	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55077	*Microtus xanthognathus*	37319	AF No. = 37319	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55078	*Microtus xanthognathus*	37320	AF No. = 37320	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55079	*Microtus xanthognathus*	37321	AF No. = 37321	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55080	*Microtus xanthognathus*	37322	AF No. = 37322	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55081	*Microtus xanthognathus*	37323	AF No. = 37323	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55082	*Microtus xanthognathus*	37324	AF No. = 37324	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55083	*Microtus xanthognathus*	37325	AF No. = 37325	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55084	*Microtus xanthognathus*	37326	AF No. = 37326	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
55085	*Microtus xanthognathus*	37327	AF No. = 37327	2000.48	67d 6m 14s N	159d 1m 4s W	Baird Mts.	KOVA	Kavet Creek, NE of Kobuk Sand Dunes	8-Aug-00
54754	*Microtus xanthognathus*	37357	AF No. = 37357	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00
54755	*Microtus xanthognathus*	37358	AF No. = 37358	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	9-Aug-00

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
54778	*Microtus xanthognathus*	37362	AF No. = 37362	2000.48	67d 7m 27s N	159d 5m 55s W	Baird Mts.	KOVA	0.25 km W of Kavet Creek, Kobuk River	9-Aug-00
55061	*Microtus xanthognathus*	37365	AF No. = 37365	2000.48	67d 7m 42s N	159d 2m 14s W	Baird Mts.	KOVA	Kavet Creek	9-Aug-00
56699	*Microtus xanthognathus*	48618	AF No. = 48618	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56700	*Microtus xanthognathus*	48619	AF No. = 48619	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56701	*Microtus xanthognathus*	48620	AF No. = 48620	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56708	*Microtus xanthognathus*	48637	AF No. = 48637	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56711	*Microtus xanthognathus*	48642	AF No. = 48642	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56712	*Microtus xanthognathus*	48643	AF No. = 48643	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56713	*Microtus xanthognathus*	48644	AF No. = 48644	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56720	*Microtus xanthognathus*	48670	AF No. = 48670	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56721	*Microtus xanthognathus*	48671	AF No. = 48671	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56722	*Microtus xanthognathus*	48672	AF No. = 48672	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	7-Aug-01
54738	*Sorex cinereus*	37307	AF No. = 37307	2000.48	67d 7m 23s N	159d 3m 13s W	Baird Mts.	KOVA	0.5 km W of Kavet Creek, Kobuk River	8-Aug-00
56509	*Sorex cinereus*	48703	AF No. = 48703	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
56521	*Sorex cinereus*	48716	AF No. = 48716	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56522	*Sorex cinereus*	48717	AF No. = 48717	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56523	*Sorex cinereus*	48718	AF No. = 48718	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01
56546	*Sorex cinereus*	48743	AF No. = 48743	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	11-Aug-01
56556	*Sorex cinereus*	48755	AF No. = 48755	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
56557	*Sorex cinereus*	48756	AF No. = 48756	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
56565	*Sorex cinereus*	48764	AF No. = 48764	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	12-Aug-01
94543	*Sorex cinereus*		IF (Idaho) = 10732	2003.39	67d 36m 17s N	159d 47m 53.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03
94546	*Sorex cinereus*		IF (Idaho) = 10735	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03
93417	*Sorex cinereus*		IF (Idaho) = 10738	2003.39	67d 36m 8s N	159d 47m 22.9s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03
93411	*Sorex cinereus*		IF (Idaho) = 10743	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93389	*Sorex cinereus*		IF (Idaho) = 10744	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93391	*Sorex cinereus*		IF (Idaho) = 10746	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
93392	*Sorex cinereus*		IF (Idaho) = 10747	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93393	*Sorex cinereus*		IF (Idaho) = 10748	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93395	*Sorex cinereus*		IF (Idaho) = 10750	2003.39	67d 36m 8s N	159d 47m 22.9s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93398	*Sorex cinereus*		IF (Idaho) = 10753	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93400	*Sorex cinereus*		IF (Idaho) = 10755	2003.39	67d 36m 11.6s N	159d 47m 20.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93402	*Sorex cinereus*		IF (Idaho) = 10757	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93428	*Sorex cinereus*		IF (Idaho) = 10758	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93454	*Sorex cinereus*		IF (Idaho) = 10759	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93413	*Sorex cinereus*		IF (Idaho) = 10760	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93440	*Sorex cinereus*		IF (Idaho) = 10761	2003.39	67d 36m 8s N	159d 47m 22.9s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93441	*Sorex cinereus*		IF (Idaho) = 10762	2003.39	67d 36m 19.2s N	159d 48m 10.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93442	*Sorex cinereus*		IF (Idaho) = 10763	2003.39	67d 36m 19.2s N	159d 48m 10.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93443	*Sorex cinereus*		IF (Idaho) = 10764	2003.39	67d 36m 19.2s N	159d 48m 10.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	19-Jul-03
93455	*Sorex cinereus*		IF (Idaho) = 10766	2003.39	67d 36m 8s N	159d 47m 22.9s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	20-Jul-03
93446	*Sorex cinereus*		IF (Idaho) = 10767	2003.39	67d 36m 8s N	159d 47m 22.9s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	20-Jul-03
93448	*Sorex cinereus*		IF (Idaho) = 10769	2003.39	67d 36m 19.2s N	159d 48m 10.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	20-Jul-03
93449	*Sorex cinereus*		IF (Idaho) = 10770	2003.39	67d 36m 19.2s N	159d 48m 10.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	20-Jul-03
93450	*Sorex cinereus*		IF (Idaho) = 10771	2003.39	67d 36m 19.2s N	159d 48m 10.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	20-Jul-03
93451	*Sorex cinereus*		IF (Idaho) = 10772	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	21-Jul-03
93388	*Sorex cinereus*		IF (Idaho) = 10787	2003.39	67d 29m 10.9s N	158d 13m 46.6s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93333	*Sorex cinereus*		IF (Idaho) = 10796	2003.39	67d 29m 10.9s N	158d 13m 46.6s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	24-Jul-03
93468	*Sorex cinereus*		IF (Idaho) = 10816	2003.39	67d 29m 3.6s N	158d 14m 38s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	27-Jul-03
93414	*Sorex cinereus*		IF (Idaho) = 10824	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93479	*Sorex cinereus*		IF (Idaho) = 10825	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93489	*Sorex cinereus*		IF (Idaho) = 10826	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93465	*Sorex cinereus*		IF (Idaho) = 10827	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93478	*Sorex cinereus*		IF (Idaho) = 10829	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93456	*Sorex cinereus*		IF (Idaho) = 10832	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93474	*Sorex cinereus*		IF (Idaho) = 10833	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93412	*Sorex cinereus*		IF (Idaho) = 10838	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93410	*Sorex cinereus*		IF (Idaho) = 10840	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
93407	*Sorex cinereus*		IF (Idaho) = 10842	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93406	*Sorex cinereus*		IF (Idaho) = 10843	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93405	*Sorex cinereus*		IF (Idaho) = 10844	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93470	*Sorex cinereus*		IF (Idaho) = 10846	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93471	*Sorex cinereus*		IF (Idaho) = 10847	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93510	*Sorex cinereus*		IF (Idaho) = 10852	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93511	*Sorex cinereus*		IF (Idaho) = 10853	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93512	*Sorex cinereus*		IF (Idaho) = 10854	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93363	*Sorex cinereus*		IF (Idaho) = 10864	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93364	*Sorex cinereus*		IF (Idaho) = 10864	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93362	*Sorex cinereus*		IF (Idaho) = 10865	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93361	*Sorex cinereus*		IF (Idaho) = 10866	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93360	*Sorex cinereus*		IF (Idaho) = 10867	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93349	*Sorex cinereus*		IF (Idaho) = 10868	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93352	*Sorex cinereus*		IF (Idaho) = 10875	2003.39	67d 0m 29s N	158d 28m 48.5s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93375	*Sorex cinereus*		IF (Idaho) = 10877	2003.39	67d 0m 25.5s N	158d 28m 49.1s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93377	*Sorex cinereus*		IF (Idaho) = 10878	2003.39	67d 0m 17.6s N	158d 28m 44.2s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93340	*Sorex cinereus*		IF (Idaho) = 10886	2003.39	67d 1m 37.5s N	158d 28m 3.5s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93376	*Sorex cinereus*		IF (Idaho) = 10887	2003.39	67d 1m 37.5s N	158d 28m 3.5s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93370	*Sorex cinereus*		IF (Idaho) = 10893	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93369	*Sorex cinereus*		IF (Idaho) = 10894	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93328	*Sorex cinereus*		IF (Idaho) = 10898	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93324	*Sorex cinereus*		IF (Idaho) = 10904	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93493	*Sorex cinereus*		IF (Idaho) = 10922	2003.39	67d 1m 37.5s N	158d 28m 3.5s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93497	*Sorex cinereus*		IF (Idaho) = 10923	2003.39	67d 1m 42.8s N	158d 28m 11s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93499	*Sorex cinereus*		IF (Idaho) = 10924	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93522	*Sorex cinereus*		IF (Idaho) = 10926	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93319	*Sorex cinereus*		IF (Idaho) = 10927	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93315	*Sorex cinereus*		IF (Idaho) = 10928	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93316	*Sorex cinereus*		IF (Idaho) = 10929	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93317	*Sorex cinereus*		IF (Idaho) = 10930	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93321	*Sorex cinereus*		IF (Idaho) = 10931	2003.39	67d 0m 45.2s N	158d 29m 57.4s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
93318	*Sorex cinereus*		IF (Idaho) = 10932	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93313	*Sorex cinereus*		IF (Idaho) = 10933	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93314	*Sorex cinereus*		IF (Idaho) = 10933	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93327	*Sorex cinereus*		IF (Idaho) = 10934	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93341	*Sorex cinereus*		IF (Idaho) = 10935	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93513	*Sorex cinereus*		IF (Idaho) = 10941	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93469	*Sorex hoyi*		IF (Idaho) = 10845	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93514	*Sorex hoyi*		IF (Idaho) = 10855	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93356	*Sorex hoyi*		IF (Idaho) = 10871	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93418	*Sorex monticolus*		IF (Idaho) = 10739	2003.39	67d 36m 8s N	159d 47m 22.9s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03
93453	*Sorex monticolus*		IF (Idaho) = 10774	2003.39	67d 29m 10.9s N	158d 13m 46.6s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	22-Jul-03
93421	*Sorex monticolus*		IF (Idaho) = 10786	2003.39	67d 29m 27.7s N	158d 13m 59.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93433	*Sorex monticolus*		IF (Idaho) = 10789	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93436	*Sorex monticolus*		IF (Idaho) = 10792	2003.39	67d 29m 3.6s N	158d 14m 38s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93332	*Sorex monticolus*		IF (Idaho) = 10795	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
93429	*Sorex monticolus*		IF (Idaho) = 10799	2003.39	67d 29m 7.7s N	158d 13m 59.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	25-Jul-03
93485	*Sorex monticolus*		IF (Idaho) = 10801	2003.39	67d 29m 8.7s N	158d 14m 48.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	25-Jul-03
93486	*Sorex monticolus*		IF (Idaho) = 10802	2003.39	67d 29m 3.6s N	158d 14m 38s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	25-Jul-03
93488	*Sorex monticolus*		IF (Idaho) = 10804	2003.39	67d 29m 7.7s N	158d 13m 59.7s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	26-Jul-03
93460	*Sorex monticolus*		IF (Idaho) = 10807	2003.39	67d 29m 3.6s N	158d 14m 38s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	26-Jul-03
93337	*Sorex monticolus*		IF (Idaho) = 10822	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93420	*Sorex monticolus*		IF (Idaho) = 10839	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93358	*Sorex monticolus*		IF (Idaho) = 10869	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93367	*Sorex monticolus*		IF (Idaho) = 10870	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93323	*Sorex monticolus*		IF (Idaho) = 10905	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93322	*Sorex monticolus*		IF (Idaho) = 10906	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93519	*Sorex monticolus*		IF (Idaho) = 10907	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03

Table A1d (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
93347	*Sorex monticolus*		IF (Idaho) = 10936	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
93387	*Sorex sp.*		IF (Idaho) = 10751	2003.39	67d 36m 8s N	159d 47m 22.9s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
56510	*Sorex tundrensis*	48704	AF No. = 48704	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	9-Aug-01
93372	*Sorex tundrensis*		IF (Idaho) = 10891	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93517	*Sorex tundrensis*		IF (Idaho) = 10925	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	31-Jul-03
94544	*Sorex ugyunak*		IF (Idaho) = 10733	2003.39	67d 36m 17s N	159d 47m 53.4s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	17-Jul-03
93438	*Sorex ugyunak*		IF (Idaho) = 10768	2003.39	67d 36m 8s N	159d 47m 22.9s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	20-Jul-03
93452	*Sorex ugyunak*		IF (Idaho) = 10773	2003.39	67d 36m 14s N	159d 47m 16.3s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	21-Jul-03
93336	*Sorex ugyunak*		IF (Idaho) = 10798	2003.39	67d 29m 3.6s N	158d 14m 38s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	24-Jul-03
93458	*Sorex ugyunak*		IF (Idaho) = 10805	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	26-Jul-03
93415	*Sorex ugyunak*		IF (Idaho) = 10823	2003.39	67d 0m 50s N	158d 29m 32.6s W	Ambler River	KOVA	Waring Mtns.	28-Jul-03
93457	*Sorex ugyunak*		IF (Idaho) = 10848	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93515	*Sorex ugyunak*		IF (Idaho) = 10856	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93355	*Sorex ugyunak*		IF (Idaho) = 10872	2003.39	67d 1m 7.5s N	158d 29m 22.6s W	Ambler River	KOVA	Waring Mtns.	29-Jul-03
93385	*Sorex ugyunak*		IF (Idaho) = 10895	2003.39	67d 1m 6.2s N	158d 29m 29.8s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93330	*Sorex ugyunak*		IF (Idaho) = 10899	2003.39	67d 0m 51.7s N	158d 29m 49.9s W	Ambler River	KOVA	Waring Mtns.	30-Jul-03
93397	*Sorex yukonicus*		IF (Idaho) = 10752	2003.39	67d 35m 39.4s N	159d 48m 55.2s W	Baird Mts.	KOVA	Baird Mtns., Salmon River	18-Jul-03
93432	*Sorex yukonicus*		IF (Idaho) = 10788	2003.39	67d 28m 56.7s N	158d 14m 49.8s W	Ambler River	KOVA	Baird Mtns., headwaters of the Akillik River	23-Jul-03
56719	*Tamiasciurus hudsonicus*	48666	AF No. = 48666	2001.41	67d 5m 23s N	159d 46m 51s W	Baird Mts.	KOVA	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56535	*Tamiasciurus hudsonicus*	48732	AF No. = 48732	2001.41	67d 6m 21s N	158d 16m 11s W	Ambler River	KOVA	Onion Portage	10-Aug-01

Table A1e. Mammal specimens in the University of Alaska Museum (UAM) from BCP/NPS inventories of the **Noatak National Preserve**, Alaska, field seasons 2000–2001.

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56279	*Clethrionomys rutilus*	48238	AF No. = 48238	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56280	*Clethrionomys rutilus*	48239	AF No. = 48239	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56285	*Clethrionomys rutilus*	48244	AF No. = 48244	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56253	*Clethrionomys rutilus*	48245	AF No. = 48245	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56254	*Clethrionomys rutilus*	48246	AF No. = 48246	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56255	*Clethrionomys rutilus*	48247	AF No. = 48247	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56258	*Clethrionomys rutilus*	48250	AF No. = 48250	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56294	*Clethrionomys rutilus*	48261	AF No. = 48261	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56298	*Clethrionomys rutilus*	48265	AF No. = 48265	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56263	*Clethrionomys rutilus*	48268	AF No. = 48268	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56264	*Clethrionomys rutilus*	48269	AF No. = 48269	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56265	*Clethrionomys rutilus*	48270	AF No. = 48270	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56266	*Clethrionomys rutilus*	48271	AF No. = 48271	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56303	*Clethrionomys rutilus*	48280	AF No. = 48280	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56271	*Clethrionomys rutilus*	48282	AF No. = 48282	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56272	*Clethrionomys rutilus*	48283	AF No. = 48283	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56273	*Clethrionomys rutilus*	48284	AF No. = 48284	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56310	*Clethrionomys rutilus*	48291	AF No. = 48291	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56311	*Clethrionomys rutilus*	48292	AF No. = 48292	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56276	*Clethrionomys rutilus*	48296	AF No. = 48296	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56314	*Clethrionomys rutilus*	48297	AF No. = 48297	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56315	*Clethrionomys rutilus*	48298	AF No. = 48298	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56318	*Clethrionomys rutilus*	48301	AF No. = 48301	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56359	*Clethrionomys rutilus*	48314	AF No. = 48314	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56360	*Clethrionomys rutilus*	48315	AF No. = 48315	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56361	*Clethrionomys rutilus*	48316	AF No. = 48316	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56363	*Clethrionomys rutilus*	48318	AF No. = 48318	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56371	*Clethrionomys rutilus*	48327	AF No. = 48327	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56386	*Clethrionomys rutilus*	48344	AF No. = 48344	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56387	*Clethrionomys rutilus*	48345	AF No. = 48345	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56388	*Clethrionomys rutilus*	48346	AF No. = 48346	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56389	*Clethrionomys rutilus*	48347	AF No. = 48347	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56390	*Clethrionomys rutilus*	48348	AF No. = 48348	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56391	*Clethrionomys rutilus*	48349	AF No. = 48349	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56392	*Clethrionomys rutilus*	48350	AF No. = 48350	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56393	*Clethrionomys rutilus*	48351	AF No. = 48351	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56394	*Clethrionomys rutilus*	48352	AF No. = 48352	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56395	*Clethrionomys rutilus*	48353	AF No. = 48353	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56396	*Clethrionomys rutilus*	48354	AF No. = 48354	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56404	*Clethrionomys rutilus*	48362	AF No. = 48362	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56405	*Clethrionomys rutilus*	48363	AF No. = 48363	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56406	*Clethrionomys rutilus*	48364	AF No. = 48364	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56407	*Clethrionomys rutilus*	48365	AF No. = 48365	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56411	*Clethrionomys rutilus*	48370	AF No. = 48370	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56412	*Clethrionomys rutilus*	48371	AF No. = 48371	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56413	*Clethrionomys rutilus*	48372	AF No. = 48372	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56414	*Clethrionomys rutilus*	48373	AF No. = 48373	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56415	*Clethrionomys rutilus*	48374	AF No. = 48374	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56628	*Clethrionomys rutilus*	48432	AF No. = 48432	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56629	*Clethrionomys rutilus*	48433	AF No. = 48433	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56645	*Clethrionomys rutilus*	48451	AF No. = 48451	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56658	*Clethrionomys rutilus*	48466	AF No. = 48466	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56599	*Clethrionomys rutilus*	48478	AF No. = 48478	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56600	*Clethrionomys rutilus*	48479	AF No. = 48479	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56601	*Clethrionomys rutilus*	48480	AF No. = 48480	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56667	*Clethrionomys rutilus*	48487	AF No. = 48487	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56602	*Clethrionomys rutilus*	48491	AF No. = 48491	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56603	*Clethrionomys rutilus*	48492	AF No. = 48492	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56604	*Clethrionomys rutilus*	48493	AF No. = 48493	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56606	*Clethrionomys rutilus*	48510	AF No. = 48510	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56422	*Clethrionomys rutilus*	48513	AF No. = 48513	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56423	*Clethrionomys rutilus*	48514	AF No. = 48514	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56424	*Clethrionomys rutilus*	48515	AF No. = 48515	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56425	*Clethrionomys rutilus*	48516	AF No. = 48516	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56426	*Clethrionomys rutilus*	48517	AF No. = 48517	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56427	*Clethrionomys rutilus*	48518	AF No. = 48518	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56432	*Clethrionomys rutilus*	48524	AF No. = 48524	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56433	*Clethrionomys rutilus*	48525	AF No. = 48525	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56434	*Clethrionomys rutilus*	48526	AF No. = 48526	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56435	*Clethrionomys rutilus*	48527	AF No. = 48527	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56436	*Clethrionomys rutilus*	48528	AF No. = 48528	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56437	*Clethrionomys rutilus*	48529	AF No. = 48529	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56438	*Clethrionomys rutilus*	48530	AF No. = 48530	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56439	*Clethrionomys rutilus*	48531	AF No. = 48531	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56444	*Clethrionomys rutilus*	48536	AF No. = 48536	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56445	*Clethrionomys rutilus*	48537	AF No. = 48537	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56449	*Clethrionomys rutilus*	48542	AF No. = 48542	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56450	*Clethrionomys rutilus*	48543	AF No. = 48543	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56451	*Clethrionomys rutilus*	48544	AF No. = 48544	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56452	*Clethrionomys rutilus*	48545	AF No. = 48545	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56453	*Clethrionomys rutilus*	48546	AF No. = 48546	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56455	*Clethrionomys rutilus*	48548	AF No. = 48548	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56456	*Clethrionomys rutilus*	48549	AF No. = 48549	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56457	*Clethrionomys rutilus*	48550	AF No. = 48550	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56458	*Clethrionomys rutilus*	48551	AF No. = 48551	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56577	*Clethrionomys rutilus*	48565	AF No. = 48565	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56578	*Clethrionomys rutilus*	48566	AF No. = 48566	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56464	*Clethrionomys rutilus*	48569	AF No. = 48569	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56465	*Clethrionomys rutilus*	48570	AF No. = 48570	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56466	*Clethrionomys rutilus*	48571	AF No. = 48571	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56579	*Clethrionomys rutilus*	48572	AF No. = 48572	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56467	*Clethrionomys rutilus*	48573	AF No. = 48573	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56468	*Clethrionomys rutilus*	48574	AF No. = 48574	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56596	*Clethrionomys rutilus*	48596	AF No. = 48596	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56471	*Clethrionomys rutilus*	48597	AF No. = 48597	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56472	*Clethrionomys rutilus*	48598	AF No. = 48598	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56473	*Clethrionomys rutilus*	48599	AF No. = 48599	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56474	*Clethrionomys rutilus*	48600	AF No. = 48600	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56481	*Clethrionomys rutilus*	48607	AF No. = 48607	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56482	*Clethrionomys rutilus*	48608	AF No. = 48608	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56483	*Clethrionomys rutilus*	48609	AF No. = 48609	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56486	*Clethrionomys rutilus*	48612	AF No. = 48612	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56487	*Clethrionomys rutilus*	48613	AF No. = 48613	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56488	*Clethrionomys rutilus*	48614	AF No. = 48614	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56730	*Clethrionomys rutilus*	48627	AF No. = 48627	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	4-Aug-01
56736	*Clethrionomys rutilus*	48633	AF No. = 48633	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56737	*Clethrionomys rutilus*	48634	AF No. = 48634	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56738	*Clethrionomys rutilus*	48635	AF No. = 48635	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56743	*Clethrionomys rutilus*	48647	AF No. = 48647	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56744	*Clethrionomys rutilus*	48654	AF No. = 48654	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56749	*Clethrionomys rutilus*	48659	AF No. = 48659	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
57007	*Clethrionomys rutilus*	48660	AF No. = 48660	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
57008	*Clethrionomys rutilus*	48661	AF No. = 48661	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
57009	*Clethrionomys rutilus*	48662	AF No. = 48662	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
57015	*Clethrionomys rutilus*	48679	AF No. = 48679	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	7-Aug-01
57016	*Clethrionomys rutilus*	48680	AF No. = 48680	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	7-Aug-01
57018	*Clethrionomys rutilus*	48686	AF No. = 48686	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
57019	*Clethrionomys rutilus*	48687	AF No. = 48687	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
57020	*Clethrionomys rutilus*	48688	AF No. = 48688	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
57021	*Clethrionomys rutilus*	48689	AF No. = 48689	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
57022	*Clethrionomys rutilus*	48690	AF No. = 48690	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
56279	*Clethrionomys rutilus*	48238	AF No. = 48238	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56280	*Clethrionomys rutilus*	48239	AF No. = 48239	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56285	*Clethrionomys rutilus*	48244	AF No. = 48244	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56253	*Clethrionomys rutilus*	48245	AF No. = 48245	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56254	*Clethrionomys rutilus*	48246	AF No. = 48246	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56255	*Clethrionomys rutilus*	48247	AF No. = 48247	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56258	*Clethrionomys rutilus*	48250	AF No. = 48250	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56294	*Clethrionomys rutilus*	48261	AF No. = 48261	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56298	*Clethrionomys rutilus*	48265	AF No. = 48265	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56263	*Clethrionomys rutilus*	48268	AF No. = 48268	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56264	*Clethrionomys rutilus*	48269	AF No. = 48269	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56265	*Clethrionomys rutilus*	48270	AF No. = 48270	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56266	*Clethrionomys rutilus*	48271	AF No. = 48271	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56303	*Clethrionomys rutilus*	48280	AF No. = 48280	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56271	*Clethrionomys rutilus*	48282	AF No. = 48282	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56272	*Clethrionomys rutilus*	48283	AF No. = 48283	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56273	*Clethrionomys rutilus*	48284	AF No. = 48284	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56310	*Clethrionomys rutilus*	48291	AF No. = 48291	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56311	*Clethrionomys rutilus*	48292	AF No. = 48292	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56276	*Clethrionomys rutilus*	48296	AF No. = 48296	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56314	*Clethrionomys rutilus*	48297	AF No. = 48297	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56315	*Clethrionomys rutilus*	48298	AF No. = 48298	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56318	*Clethrionomys rutilus*	48301	AF No. = 48301	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56359	*Clethrionomys rutilus*	48314	AF No. = 48314	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56360	*Clethrionomys rutilus*	48315	AF No. = 48315	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56361	*Clethrionomys rutilus*	48316	AF No. = 48316	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56363	*Clethrionomys rutilus*	48318	AF No. = 48318	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56371	*Clethrionomys rutilus*	48327	AF No. = 48327	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56386	*Clethrionomys rutilus*	48344	AF No. = 48344	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56387	*Clethrionomys rutilus*	48345	AF No. = 48345	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56388	*Clethrionomys rutilus*	48346	AF No. = 48346	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56389	*Clethrionomys rutilus*	48347	AF No. = 48347	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56390	*Clethrionomys rutilus*	48348	AF No. = 48348	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56391	*Clethrionomys rutilus*	48349	AF No. = 48349	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56392	*Clethrionomys rutilus*	48350	AF No. = 48350	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56393	*Clethrionomys rutilus*	48351	AF No. = 48351	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56394	*Clethrionomys rutilus*	48352	AF No. = 48352	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56395	*Clethrionomys rutilus*	48353	AF No. = 48353	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56396	*Clethrionomys rutilus*	48354	AF No. = 48354	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56404	*Clethrionomys rutilus*	48362	AF No. = 48362	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56405	*Clethrionomys rutilus*	48363	AF No. = 48363	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56406	*Clethrionomys rutilus*	48364	AF No. = 48364	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56332	*Dicrostonyx groenlandicus*	48231	AF No. = 48231; GenBank sequence accession = AY159015	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	14-Jul-01
56497	*Erethizon dorsatum*	48494	AF No. = 48494	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56330	*Lemmus trimucronatus*	48229	AF No. = 48229	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	14-Jul-01
56331	*Lemmus trimucronatus*	48230	AF No. = 48230	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	14-Jul-01
56256	*Lemmus trimucronatus*	48248	AF No. = 48248	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56355	*Lemmus trimucronatus*	48310	AF No. = 48310	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56356	*Lemmus trimucronatus*	48311	AF No. = 48311	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56357	*Lemmus trimucronatus*	48312	AF No. = 48312; GenBank sequence accession = AY219171	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56362	*Lemmus trimucronatus*	48317	AF No. = 48317	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56364	*Lemmus trimucronatus*	48320	AF No. = 48320	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56373	*Lemmus trimucronatus*	48329	AF No. = 48329	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56374	*Lemmus trimucronatus*	48330	AF No. = 48330	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56378	*Lemmus trimucronatus*	48335	AF No. = 48335	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56379	*Lemmus trimucronatus*	48336	AF No. = 48336	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56381	*Lemmus trimucronatus*	48338	AF No. = 48338	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56382	*Lemmus trimucronatus*	48339	AF No. = 48339	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56401	*Lemmus trimucronatus*	48359	AF No. = 48359	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56597	*Lemmus trimucronatus*	48402	AF No. = 48402	2001.41	68d 28m 25s N	161d 28m 55s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56277	*Microtus miurus*	48236	AF No. = 48236	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	14-Jul-01
56259	*Microtus miurus*	48251	AF No. = 48251	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56260	*Microtus miurus*	48252	AF No. = 48252	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56286	*Microtus miurus*	48253	AF No. = 48253	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56287	*Microtus miurus*	48254	AF No. = 48254	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56288	*Microtus miurus*	48255	AF No. = 48255	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56290	*Microtus miurus*	48257	AF No. = 48257	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56291	*Microtus miurus*	48258	AF No. = 48258	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56261	*Microtus miurus*	48266	AF No. = 48266	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56262	*Microtus miurus*	48267	AF No. = 48267	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56299	*Microtus miurus*	48272	AF No. = 48272	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56300	*Microtus miurus*	48273	AF No. = 48273	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56301	*Microtus miurus*	48274	AF No. = 48274	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56302	*Microtus miurus*	48275	AF No. = 48275	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56267	*Microtus miurus*	48276	AF No. = 48276	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56268	*Microtus miurus*	48277	AF No. = 48277	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56269	*Microtus miurus*	48278	AF No. = 48278	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56270	*Microtus miurus*	48279	AF No. = 48279	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56274	*Microtus miurus*	48285	AF No. = 48285	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56275	*Microtus miurus*	48293	AF No. = 48293	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56358	*Microtus miurus*	48313	AF No. = 48313	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56366	*Microtus miurus*	48322	AF No. = 48322	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56367	*Microtus miurus*	48323	AF No. = 48323	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56372	*Microtus miurus*	48328	AF No. = 48328	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56375	*Microtus miurus*	48332	AF No. = 48332	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56377	*Microtus miurus*	48334	AF No. = 48334	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56383	*Microtus miurus*	48341	AF No. = 48341	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56385	*Microtus miurus*	48343	AF No. = 48343	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56399	*Microtus miurus*	48357	AF No. = 48357	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56402	*Microtus miurus*	48360	AF No. = 48360	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56403	*Microtus miurus*	48361	AF No. = 48361	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56408	*Microtus miurus*	48366	AF No. = 48366	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56409	*Microtus miurus*	48367	AF No. = 48367	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56419	*Microtus miurus*	48378	AF No. = 48378	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56342	*Microtus miurus*	48379	AF No. = 48379	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56343	*Microtus miurus*	48380	AF No. = 48380	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56344	*Microtus miurus*	48381	AF No. = 48381	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56607	*Microtus miurus*	48382	AF No. = 48382	2001.41	68d 28m 30s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56608	*Microtus miurus*	48383	AF No. = 48383	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56682	*Microtus miurus*	48384	AF No. = 48384	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56683	*Microtus miurus*	48385	AF No. = 48385	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56684	*Microtus miurus*	48386	AF No. = 48386	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56685	*Microtus miurus*	48387	AF No. = 48387	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56686	*Microtus miurus*	48388	AF No. = 48388	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56687	*Microtus miurus*	48389	AF No. = 48389	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56345	*Microtus miurus*	48390	AF No. = 48390	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56346	*Microtus miurus*	48391	AF No. = 48391	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56347	*Microtus miurus*	48392	AF No. = 48392	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56348	*Microtus miurus*	48393	AF No. = 48393	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56349	*Microtus miurus*	48394	AF No. = 48394	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56350	*Microtus miurus*	48395	AF No. = 48395	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56688	*Microtus miurus*	48396	AF No. = 48396	2001.41	68d 28m 30s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56690	*Microtus miurus*	48398	AF No. = 48398	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56691	*Microtus miurus*	48399	AF No. = 48399	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56692	*Microtus miurus*	48400	AF No. = 48400	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56351	*Microtus miurus*	48404	AF No. = 48404	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56352	*Microtus miurus*	48405	AF No. = 48405	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56353	*Microtus miurus*	48406	AF No. = 48406	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56694	*Microtus miurus*	48407	AF No. = 48407	2001.41	68d 28m 30s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56610	*Microtus miurus*	48410	AF No. = 48410	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56697	*Microtus miurus*	48416	AF No. = 48416	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56698	*Microtus miurus*	48417	AF No. = 48417	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56354	*Microtus miurus*	48427	AF No. = 48427	2001.41	68d 28m 29s N	161d 28m 53s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	27-Jul-01
56598	*Microtus miurus*	48477	AF No. = 48477	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56605	*Microtus miurus*	48495	AF No. = 48495	2001.41	67d 28m 9s N	162d 12m 34s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56428	*Microtus miurus*	48520	AF No. = 48520	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56446	*Microtus miurus*	48539	AF No. = 48539	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56447	*Microtus miurus*	48540	AF No. = 48540	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56461	*Microtus miurus*	48554	AF No. = 48554	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56567	*Microtus miurus*	48555	AF No. = 48555	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56568	*Microtus miurus*	48556	AF No. = 48556	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56569	*Microtus miurus*	48557	AF No. = 48557	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56570	*Microtus miurus*	48558	AF No. = 48558	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56571	*Microtus miurus*	48559	AF No. = 48559	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56572	*Microtus miurus*	48560	AF No. = 48560	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56573	*Microtus miurus*	48561	AF No. = 48561	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56574	*Microtus miurus*	48562	AF No. = 48562	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56575	*Microtus miurus*	48563	AF No. = 48563	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56576	*Microtus miurus*	48564	AF No. = 48564	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56470	*Microtus miurus*	48576	AF No. = 48576	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56580	*Microtus miurus*	48577	AF No. = 48577	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56581	*Microtus miurus*	48578	AF No. = 48578	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56582	*Microtus miurus*	48579	AF No. = 48579	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56583	*Microtus miurus*	48580	AF No. = 48580	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56584	*Microtus miurus*	48581	AF No. = 48581	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56585	*Microtus miurus*	48582	AF No. = 48582	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56586	*Microtus miurus*	48583	AF No. = 48583	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56587	*Microtus miurus*	48584	AF No. = 48584	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56588	*Microtus miurus*	48585	AF No. = 48585	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56589	*Microtus miurus*	48586	AF No. = 48586	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56590	*Microtus miurus*	48587	AF No. = 48587	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56591	*Microtus miurus*	48591	AF No. = 48591	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56592	*Microtus miurus*	48592	AF No. = 48592	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56593	*Microtus miurus*	48593	AF No. = 48593	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56594	*Microtus miurus*	48594	AF No. = 48594	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56595	*Microtus miurus*	48595	AF No. = 48595	2001.41	68d 12m 44s N	159d 49m 6s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56484	*Microtus miurus*	48610	AF No. = 48610	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56485	*Microtus miurus*	48611	AF No. = 48611	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56489	*Microtus miurus*	48615	AF No. = 48615	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56278	*Microtus miurus ?*	48237	AF No. = 48237	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56289	*Microtus miurus ?*	48256	AF No. = 48256	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56317	*Microtus miurus ?*	48300	AF No. = 48300	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56365	*Microtus miurus ?*	48321	AF No. = 48321	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	19-Jul-01
56368	*Microtus miurus ?*	48324	AF No. = 48324	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56689	*Microtus miurus ?*	48397	AF No. = 48397	2001.41	68d 28m 30s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56695	*Microtus miurus ?*	48408	AF No. = 48408	2001.41	68d 28m 30s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56327	*Microtus oeconomus*	48220	AF No. = 48220	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	13-Jul-01
56328	*Microtus oeconomus*	48221	AF No. = 48221	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	13-Jul-01
56329	*Microtus oeconomus*	48222	AF No. = 48222	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	13-Jul-01
56333	*Microtus oeconomus*	48232	AF No. = 48232	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	14-Jul-01
56334	*Microtus oeconomus*	48233	AF No. = 48233	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	14-Jul-01
56335	*Microtus oeconomus*	48234	AF No. = 48234	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	14-Jul-01
56336	*Microtus oeconomus*	48235	AF No. = 48235	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	14-Jul-01
56281	*Microtus oeconomus*	48240	AF No. = 48240	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56282	*Microtus oeconomus*	48241	AF No. = 48241	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56283	*Microtus oeconomus*	48242	AF No. = 48242	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56284	*Microtus oeconomus*	48243	AF No. = 48243	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56293	*Microtus oeconomus*	48260	AF No. = 48260	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56295	*Microtus oeconomus*	48262	AF No. = 48262	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56296	*Microtus oeconomus*	48263	AF No. = 48263	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56297	*Microtus oeconomus*	48264	AF No. = 48264	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56304	*Microtus oeconomus*	48281	AF No. = 48281	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	16-Jul-01
56305	*Microtus oeconomus*	48286	AF No. = 48286	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56306	*Microtus oeconomus*	48287	AF No. = 48287	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56307	*Microtus oeconomus*	48288	AF No. = 48288	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56308	*Microtus oeconomus*	48289	AF No. = 48289	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56309	*Microtus oeconomus*	48290	AF No. = 48290	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56312	*Microtus oeconomus*	48294	AF No. = 48294	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56313	*Microtus oeconomus*	48295	AF No. = 48295	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56316	*Microtus oeconomus*	48299	AF No. = 48299	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	17-Jul-01
56320	*Microtus oeconomus*	48303	AF No. = 48303	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56321	*Microtus oeconomus*	48304	AF No. = 48304	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56322	*Microtus oeconomus*	48305	AF No. = 48305	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56323	*Microtus oeconomus*	48306	AF No. = 48306	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56324	*Microtus oeconomus*	48307	AF No. = 48307	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56325	*Microtus oeconomus*	48308	AF No. = 48308	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56369	*Microtus oeconomus*	48325	AF No. = 48325	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56376	*Microtus oeconomus*	48333	AF No. = 48333	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56380	*Microtus oeconomus*	48337	AF No. = 48337	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56397	*Microtus oeconomus*	48355	AF No. = 48355	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56398	*Microtus oeconomus*	48356	AF No. = 48356	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56400	*Microtus oeconomus*	48358	AF No. = 48358	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56410	*Microtus oeconomus*	48369	AF No. = 48369	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56416	*Microtus oeconomus*	48375	AF No. = 48375	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56417	*Microtus oeconomus*	48376	AF No. = 48376	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56612	*Microtus oeconomus*	48412	AF No. = 48412	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56613	*Microtus oeconomus*	48413	AF No. = 48413	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56614	*Microtus oeconomus*	48414	AF No. = 48414	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56696	*Microtus oeconomus*	48415	AF No. = 48415	2001.41	68d 28m 14s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56615	*Microtus oeconomus*	48418	AF No. = 48418	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56616	*Microtus oeconomus*	48419	AF No. = 48419	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56617	*Microtus oeconomus*	48420	AF No. = 48420	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56618	*Microtus oeconomus*	48421	AF No. = 48421	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56619	*Microtus oeconomus*	48422	AF No. = 48422	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56620	*Microtus oeconomus*	48423	AF No. = 48423	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56621	*Microtus oeconomus*	48424	AF No. = 48424	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56622	*Microtus oeconomus*	48425	AF No. = 48425	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56623	*Microtus oeconomus*	48426	AF No. = 48426	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56624	*Microtus oeconomus*	48428	AF No. = 48428	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	27-Jul-01
56625	*Microtus oeconomus*	48429	AF No. = 48429	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	27-Jul-01
56631	*Microtus oeconomus*	48435	AF No. = 48435	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56632	*Microtus oeconomus*	48436	AF No. = 48436	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56633	*Microtus oeconomus*	48437	AF No. = 48437	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56634	*Microtus oeconomus*	48438	AF No. = 48438	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56635	*Microtus oeconomus*	48439	AF No. = 48439	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56636	*Microtus oeconomus*	48440	AF No. = 48440	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56637	*Microtus oeconomus*	48441	AF No. = 48441	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56638	*Microtus oeconomus*	48442	AF No. = 48442	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56639	*Microtus oeconomus*	48443	AF No. = 48443	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56640	*Microtus oeconomus*	48444	AF No. = 48444	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56641	*Microtus oeconomus*	48445	AF No. = 48445	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56642	*Microtus oeconomus*	48446	AF No. = 48446	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56643	*Microtus oeconomus*	48447	AF No. = 48447	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56644	*Microtus oeconomus*	48448	AF No. = 48448	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56626	*Microtus oeconomus*	48449	AF No. = 48449	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	27-Jul-01
56627	*Microtus oeconomus*	48450	AF No. = 48450	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	27-Jul-01
56646	*Microtus oeconomus*	48452	AF No. = 48452	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56647	*Microtus oeconomus*	48453	AF No. = 48453	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56648	*Microtus oeconomus*	48454	AF No. = 48454	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56649	*Microtus oeconomus*	48455	AF No. = 48455	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56650	*Microtus oeconomus*	48458	AF No. = 48458	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56651	*Microtus oeconomus*	48459	AF No. = 48459	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56652	*Microtus oeconomus*	48460	AF No. = 48460	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56656	*Microtus oeconomus*	48464	AF No. = 48464	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56657	*Microtus oeconomus*	48465	AF No. = 48465	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56659	*Microtus oeconomus*	48467	AF No. = 48467	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56660	*Microtus oeconomus*	48468	AF No. = 48468	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56666	*Microtus oeconomus*	48486	AF No. = 48486	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56668	*Microtus oeconomus*	48488	AF No. = 48488	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56669	*Microtus oeconomus*	48489	AF No. = 48489	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56670	*Microtus oeconomus*	48490	AF No. = 48490	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56671	*Microtus oeconomus*	48499	AF No. = 48499	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56676	*Microtus oeconomus*	48504	AF No. = 48504	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56677	*Microtus oeconomus*	48505	AF No. = 48505	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56678	*Microtus oeconomus*	48506	AF No. = 48506	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56679	*Microtus oeconomus*	48507	AF No. = 48507	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56680	*Microtus oeconomus*	48508	AF No. = 48508	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56681	*Microtus oeconomus*	48509	AF No. = 48509	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56420	*Microtus oeconomus*	48511	AF No. = 48511	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56421	*Microtus oeconomus*	48512	AF No. = 48512	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56429	*Microtus oeconomus*	48521	AF No. = 48521	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56430	*Microtus oeconomus*	48522	AF No. = 48522	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56431	*Microtus oeconomus*	48523	AF No. = 48523	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	1-Aug-01
56440	*Microtus oeconomus*	48532	AF No. = 48532	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56441	*Microtus oeconomus*	48533	AF No. = 48533	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56442	*Microtus oeconomus*	48534	AF No. = 48534	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56443	*Microtus oeconomus*	48535	AF No. = 48535	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56448	*Microtus oeconomus*	48541	AF No. = 48541	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56454	*Microtus oeconomus*	48547	AF No. = 48547	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	2-Aug-01
56462	*Microtus oeconomus*	48567	AF No. = 48567	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56463	*Microtus oeconomus*	48568	AF No. = 48568	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56476	*Microtus oeconomus*	48602	AF No. = 48602	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56477	*Microtus oeconomus*	48603	AF No. = 48603	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56478	*Microtus oeconomus*	48604	AF No. = 48604	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56479	*Microtus oeconomus*	48605	AF No. = 48605	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56480	*Microtus oeconomus*	48606	AF No. = 48606	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	4-Aug-01
56739	*Microtus oeconomus*	48636	AF No. = 48636	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	5-Aug-01
57012	*Microtus oeconomus*	48665	AF No. = 48665	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
57017	*Microtus oeconomus*	48685	AF No. = 48685	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
57025	*Microtus oeconomus*	48693	AF No. = 48693	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
56326	*Microtus oeconomus ?*	48219	AF No. = 48219	2001.41	68d 20m 17s N	158d 43m 39s W	Howard Pass	NOAT	Desperation Lake	13-Jul-01
56292	*Microtus oeconomus ?*	48259	AF No. = 48259	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56319	*Microtus oeconomus ?*	48302	AF No. = 48302	2001.41	68d 8m 56s N	158d 59m 17s W	Howard Pass	NOAT	Sidik Lake	18-Jul-01
56370	*Microtus oeconomus ?*	48326	AF No. = 48326	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	20-Jul-01
56418	*Microtus oeconomus ?*	48377	AF No. = 48377	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	22-Jul-01
56611	*Microtus oeconomus ?*	48411	AF No. = 48411	2001.41	68d 28m 5s N	161d 29m 43s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56459	*Microtus oeconomus ?*	48552	AF No. = 48552	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56460	*Microtus oeconomus ?*	48553	AF No. = 48553	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56693	*Microtus sp.*	48403	AF No. = 48403	2001.41	68d 28m 30s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	25-Jul-01
56731	*Microtus xanthognathus*	48628	AF No. = 48628	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	4-Aug-01
56732	*Microtus xanthognathus*	48629	AF No. = 48629	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	4-Aug-01
56733	*Microtus xanthognathus*	48630	AF No. = 48630	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	4-Aug-01
56734	*Microtus xanthognathus*	48631	AF No. = 48631	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	4-Aug-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56735	*Microtus xanthognathus*	48632	AF No. = 48632	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56740	*Microtus xanthognathus*	48639	AF No. = 48639	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	4-Aug-01
56741	*Microtus xanthognathus*	48640	AF No. = 48640	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56742	*Microtus xanthognathus*	48646	AF No. = 48646	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	5-Aug-01
56745	*Microtus xanthognathus*	48655	AF No. = 48655	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56746	*Microtus xanthognathus*	48656	AF No. = 48656	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56747	*Microtus xanthognathus*	48657	AF No. = 48657	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
56748	*Microtus xanthognathus*	48658	AF No. = 48658	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
57010	*Microtus xanthognathus*	48663	AF No. = 48663	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
57011	*Microtus xanthognathus*	48664	AF No. = 48664	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
57013	*Microtus xanthognathus*	48667	AF No. = 48667	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	6-Aug-01
57014	*Microtus xanthognathus*	48678	AF No. = 48678	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	7-Aug-01
57023	*Microtus xanthognathus*	48691	AF No. = 48691	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
57024	*Microtus xanthognathus*	48692	AF No. = 48692	2001.41	67d 5m 10s N	159d 46m 43s W	Baird Mts.	NOAT	confluence of Kallarichuk River and Kobuk River	8-Aug-01
56630	*Sorex cinereus*	48434	AF No. = 48434	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56653	*Sorex cinereus*	48461	AF No. = 48461	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56654	*Sorex cinereus*	48462	AF No. = 48462	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56655	*Sorex cinereus*	48463	AF No. = 48463	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01

Table A1e (*continued*)

UAM No.	Scientific Name	AF No.	Other Identifiers	Accession	LAT.	LONG.	Map Name	Feature	Specific Locality	Date
56661	*Sorex cinereus*	48481	AF No. = 48481	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56662	*Sorex cinereus*	48482	AF No. = 48482	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56663	*Sorex cinereus*	48483	AF No. = 48483	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56664	*Sorex cinereus*	48484	AF No. = 48484	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56665	*Sorex cinereus*	48485	AF No. = 48485	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56674	*Sorex cinereus*	48502	AF No. = 48502	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56469	*Sorex cinereus*	48575	AF No. = 48575	2001.41	68d 12m 35s N	159d 49m 53s W	Misheguk Mtn.	NOAT	Aniralik Lake	3-Aug-01
56257	*Sorex tundrensis*	48249	AF No. = 48249	2001.41	68d 8m 51s N	158d 58m 50s W	Howard Pass	NOAT	Sidik Lake	15-Jul-01
56609	*Sorex tundrensis*	48409	AF No. = 48409	2001.41	68d 28m 30s N	161d 28m 39s W	Misheguk Mtn.	NOAT	8 km W of Copter Peak	26-Jul-01
56672	*Sorex tundrensis*	48500	AF No. = 48500	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56673	*Sorex tundrensis*	48501	AF No. = 48501	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56675	*Sorex tundrensis*	48503	AF No. = 48503	2001.41	67d 28m 25s N	162d 12m 59s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56384	*Sorex ugyunak*	48342	AF No. = 48342	2001.41	67d 39m 50s N	158d 11m 26s W	Ambler River	NOAT	Kaluich Creek Upland	21-Jul-01
56339	*Spermophilus parryii*	48214	AF No. = 48214	2001.41	68d 20m 12s N	158d 44m 53s W	Howard Pass	NOAT	Desperation Lake	12-Jul-01
56338	*Spermophilus parryii*	48216	AF No. = 48216	2001.41	68d 20m 3s N	158d 44m 16s W	Howard Pass	NOAT	Desperation Lake	12-Jul-01
56337	*Spermophilus parryii*	48223	AF No. = 48223	2001.41	68d 20m 31s N	158d 44m 37s W	Howard Pass	NOAT	Desperation Lake	13-Jul-01
56340	*Spermophilus parryii*	48224	AF No. = 48224	2001.41	68d 21m 0s N	158d 45m 0s W	Howard Pass	NOAT	Desperation Lake	13-Jul-01
56341	*Spermophilus parryii*	48225	AF No. = 48225	2001.41	68d 21m 0s N	158d 45m 0s W	Howard Pass	NOAT	Desperation Lake	13-Jul-01
56490	*Spermophilus parryii*	48456	AF No. = 48456	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56491	*Spermophilus parryii*	48457	AF No. = 48457	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	28-Jul-01
56492	*Spermophilus parryii*	48472	AF No. = 48472	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56493	*Spermophilus parryii*	48473	AF No. = 48473	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56494	*Spermophilus parryii*	48474	AF No. = 48474	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56495	*Spermophilus parryii*	48475	AF No. = 48475	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56496	*Spermophilus parryii*	48476	AF No. = 48476	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	29-Jul-01
56498	*Spermophilus parryii*	48496	AF No. = 48496	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01
56499	*Spermophilus parryii*	48497	AF No. = 48497	2001.41	67d 28m 24s N	162d 13m 24s W	Noatak	NOAT	5 km E of Asik Mtn.	30-Jul-01

APPENDIX 2. FIELD PROCEDURES

- A Note on Specimen Preparation (page 189)
- Notes on Ethanol Preservation (page 189)
- Notes on Making Carcasses (page 190)
- How to Fill Out an AF (NK) Sheet (page 191)
- How to Fill and Label Cryotubes (page 194)
- How to Preserve Samples in Ethanol for DNA Analysis (page 195)
- How to Preserve Frozen Tissue Samples (page 196)
- How to Necropsy (page 197)
- Parasite Handling and Preservation (page 197)
- Trapline Data Sheet (page 199)
- Sample AF Page (page 200)
- Key to Orders of Alaska Small Mammals (page 201)
- Key to the Shrews of Alaska (page 201)
- Key to the Small Rodents of Alaska (page 202)

A Note on Specimen Preparation

Time is saved (and confusion avoided) if you decide how each specimen is to be prepared before you begin to work up the specimens. Decide which animals will be examined for endoparasites, preserved as alcoholics, made into skin and skeleton, sampled for Telford, etc.

Notes on Ethanol Preservation

To produce the best alcoholic specimen, captures need to be placed into ethanol as soon as possible. Because the goal of this preservation method is to preserve soft tissues, which decompose quickly, preparing specimens slated for alcohol at the end of the evening results in poor quality specimens.

We have found that the best way to "cure" alcoholics is to place the captures in a bucket or jar containing highly concentrated ethanol (80-95%). About 2 days after the specimens are place into the curing container they will become stiff, at this point they should be transferred into a more dilute concentration of ethanol (about 70%).

It is important to check the specimens while they are in the concentrated ethanol. If they are not becoming stiff they may be in danger of decomposing and molding. Do not over-fill the curing containers with specimens. The curing container should be no more than 2/3 full with specimens. .

1. Do not use markers or regular ink pens on skull tags (they are soluble in ethanol). Use a permanent pen (Uniball Deluxe-preferred) or pencil to write the AF number on the specimen's tag.
2. Measure and weigh specimens before cutting the abdominal cavity.

3. Make the incision in the body as small as possible (but large enough so that you can examine the reproductive organs). The incision should be from above the pelvis to the rib cage (not cutting through the ribs). Not only does this incision allow you to sex the specimen, but it enables the ethanol to enter the body cavity more quickly, resulting in a better preservation of the specimen.
4. Place a little piece of cotton into the body cavity to help keep the organs inside of the body.
5. Tie specimen tag onto the right hind foot. Use a square knot and make sure the tag is secure.
6. Place the specimens into a container with 80-95% ethanol ("curing" container). Mix the ethanol and specimens around in the container. After a couple of days the specimen should be stiff. At this time remove the specimen and place in a container with 70% ethanol. Do not keep adding fresh captures to the curing container without adding additional concentrated ethanol for after time the ethanol will become too dilute. Subsequent specimens will not be preserved very well and fur will start to slip off the carcass and tissues will be of lesser quality. Diluted ethanol from the curing container can be put into the holding container as more specimens are added.
7. Ethanol preservation is not for "poor quality" specimens. Because we are preserving soft tissue a rotting specimen makes a very lousy "alcoholic."

Notes on Making Carcasses

1. Bloody specimen tags are problematic! Not only may their AF numbers be difficult to decipher, but the dermestid beetles will eat the tags, making it impossible to correctly identify the carcass. Please be sure to keep specimen tags as clean as possible. When drying the carcass keep the tag off of the body.
2. Try to keep carcasses from touching each other while they are drying. Upon their separation, legs or other body parts may break off from their owner and be associated with the wrong animal.
3. Remove eyeballs and tongue from all skulls. Remove brain from animals larger than a vole.
4. Tie legs and feet to skull in the appropriate manner.
5. Carcasses need to dry and be fly-free. Weather may hinder the drying process and the carcasses may become slightly moldy. To help dry the carcasses, hang them up in the prep tent during prepping sessions. Heat generated from propane lamps may aid in drying of the carcasses.
6. Keep flies and maggots off of the carcasses. Remove any maggots from the carcasses. Carcasses that are overcome with maggot infestations can be placed in ethanol. This will kill the maggots. Try to avoid maggot infestations!
7. Carcasses are potential bear snacks and they need to be stored out bear access at night and when away from camp. Placing carcasses in a box suspended from a tree works well. In addition, you may need to place them in the bear-proof container.

8. Attach an accession label to the carcass wire ring so that they will be easily sorted and processed at the museum.

How to Fill Out an AF (NK) Sheet

The AF sheet is the key that links all the preparations and preserved materials from an individual animal together. Without a properly completed AF sheet, a sample may have no value. Therefore we urge you to read and understand the following protocols.

"AF sheets" are prenumbered catalog pages for the Alaska Frozen Tissue Collection. One AF number, and therefore one AF sheet, is assigned to each individual animal collected irrespective of the number of tubes of tissue that are preserved.

If embryos are sampled, or frozen whole in the tubes, they are considered separate individuals and given separate AF numbers. Their relationship to maternal samples should be noted. Generally these will not have a voucher apart from the mother.

Data from AF sheets are entered into the Mammal Collection database as soon as possible when specimens are received. We wish to facilitate access to the tissues and basic specimen data even while the rest of the specimen is still being processed but for this system to function, AF sheets must have reasonably complete information.

Pens: Ink should be black and of archival quality. We recommend using a Uniball Deluxe pen with black ink for AF sheets. An ultra-fine-point permanent Nalgene lab marker no 6310-0010, or ultra-fine-point Sharpie are used for writing on nunc tubes. Pencil is preferable to water soluble ink on AF sheets. Do not use sharpies on AF pages (it bleeds through).

Collector: The name of the person (or project) who acquired the specimen and their affiliation, if significant. For example: Lester Newcomb, USF&WS; wolf control, ADF&G; John S. Chythlook.

Preparator: The name of the person who prepared the specimen, preferably the one who filled out the AF sheet. It would be helpful to include all of the person's initials if these are used as part of the preparator's number (below). This can be left blank if preparator and collector are the same person.

Field number #: This is the number that is used to associate different parts of the specimen, their associated materials, and data sheets. In lieu of personal collecting numbers, AF numbers can be used as the field number.

Species: Ideally this should be the scientific name of the animal, but please put in something. It is not essential that the identity be certain; we will identify the voucher specimen when it is catalogued.

Valid examples: *Myotis lucifugus Clethrionomys* sp.

Sex: Self-explanatory.

Country/State: Self-explanatory. Valid examples: USA/Alaska Russia/Magadanskaya oblast Canada/Quebec

Quad: (for Alaskan specimens) U.S. Geological Survey 1:250,000 quadrangle name. Leave blank if unknown or if specimens were collected outside of Alaska. We can work it out if other geographic data are complete. See "latitude and longitude" for more on this.

District: Record islands, national parks, counties (for the contiguous United States), and game management units in this field.

Specific locality: The most precise description of the locality where the specimen was collected. This description should refer to permanent landmarks that are named on standard maps or in gazetteers. Consider whether or not your description of a locality will be clear fifty years from now to someone who has never been in the region. Roads, campgrounds, and cabins are ephemeral; cities, mountains, and rivers are more dependable.

Latitude & Longitude: We need geographic coordinates to relate specimen data to geographic databases. Coordinates are best determined by the collector, or someone with first-hand knowledge of the locality. The format in our database is degrees-minutes-seconds. If your data are more precise than the nearest minute, please make sure that your units are clearly labeled as seconds, decimal fractions of minutes, or whatever applies. The hemisphere is not necessarily obvious, especially in Chukotka or the western Aleutians. Please be sure to label longitudes with E(ast) or W(est) and latitudes with N(orth) or S(outh).

Authority: From where the latitude and longitude data were collected, such as a GPS, GNIS=Geographic Names Information System (United States), Orth = Daniel Orth's Dictionary of Alaska Place Names, 1:250,000 maps (accuracy to within one minute is adequate).

Date of death: The day that the specimen was collected or the date that it died, if these are not the same. Don't hesitate to elaborate if the situation is more complicated, for instance, when a stranded marine mammal is located, but the date of death is unknown. Dates should be in the format Day/Month/Year, with the month spelled out, for example 21 January 2000.

Date of preparation: The date that the tissues were removed from the animal. If this is left blank, we assume that it is the same as the date of death. Remember, day/month/year per the example 21 January 2000.

Nature of voucher: Indicate what, if anything, is being submitted as a voucher for the tissues. For mammals, we encourage a skull or skeleton for a voucher. We assume that a skull is included if "skeleton" is circled. For example, if you were submitting tissues from a vole, which had vouchered skin and skeleton, you would circle "skin" and "skeleton."

> **Nature of voucher (Circle one or more):** skin skull skeleton fluid-preserved whole frozen tissues only other

If no voucher is being submitted with the tissue, circle "tissues only." If the specimen is a whole frozen embryo, in a cryotube, circle "whole frozen."

Preserved material: Indicate the number of tubes of each tissue that were preserved. If heart and kidney were frozen together in one tube, write "1" under #tubes for "heart & kidney" and "Fz" for frozen, under pres.

Preserved	#tube	pres	Preserved	#tube	pres
heart			blood		
kidney			karyotype		
heart & kidney			ecto parasites		
H, lung, spleen	1	Fz	nematode		
Liver & kidney			cestode		
spleen			coccidia		
lung			other( )		
muscle			other( )		

Heart and kidney should only be frozen together if there is not enough of either one to fill cryotube. If the specimen is an embryo, write "embryo" in the blank for "other."

Pres: Indicate method used to preserve tissues. Abbreviations such as Fz (frozen), Form (formalin), EtOH (70% ethanol), can be used.

Parasites: Collected parasites should be labeled with the host's AF number. On the AF sheet, please indicate the type of parasite and the method of preservation.

Other: Please list associated materials that were saved. This might include stomach samples, feces, ear clippings, etc.

Condition of tissues: We ask that you grade the tissues on a scale of one to five for freshness. We realize that this determination is subjective.
Condition of tissues (circle one): (poor) 1 2 3 4 5 (excellent)

5 The best tissues. These were taken from a freshly killed animal and put into liquid nitrogen. The animal should not have been dead for more than thirty minutes. Such tissues would presumably be useful for virtually any kind of biochemical analysis.

4 These are tissues taken from animals only a few hours postmortem at cool temperatures. Such tissues should not have been previously frozen and thawed.

3 These are tissues taken from an animal that has been dead less than sixteen hours at cool temperatures, or tissues taken from an animal that was hard frozen soon after death and then thawed for preparation. Fur is not slipping.

2 These tissues may be beginning to show signs of decomposition.

1 These tissues are flaccid and thoroughly autolyzed. They probably stink.

Relationship: This field relates biological individuals.
An embryo is related to its mother:
Relationship: embryo of# AF 32145
A mother is related to its embryos:
Relationship: mother of# AF 32146

Repro condition: Record reproductive condition of the specimen; size of testes, number and size of embryos, condition of mammary tissues, etc.

Measurements: Record standard biological measurements. Lengths are recorded in mm, and weight in grams. Any deviation from these units should be indicated after the recorded measurement. Standard measurements for mammals are:

Total length: (with mammals on its back) Measure specimen from tip of nose to tip of fleshy part of tail.

Tail length: (mammal on stomach) Bend tail at a right angle, measure from the bend on the back to tip of the fleshy part of tail.

Hind foot length: (from bottom of the foot) Measure from heel to the end of the longest toe (include toenail).

Height of ear from notch: Measure from notch at bottom of ear to outer edge of ear

Remarks: Feel free to expand on the information given elsewhere, or to add information about the specimen that might be relevant. The back of each AF page should be used for additional information.

How to Fill and Label Cryotubes

In the Alaska Frozen Tissue Collection, tissue samples are stored in 1.8 milliliter plastic cryotubes. These should be labeled with an ultra-fine Nalgene lab marker no. 6310-0010 or a ultra fine "Sharpie" permanent marker prior to cooling. If the tubes are not labeled before cooling, it will be necessary to rewarm the tubes in order to write on them.

The standard tissues saved on birds and mammals are heart, kidney, liver, and spleen. For small species entire organs are often stored in one tube. For larger animals, only a subsample of the organ will fit in a tube. In some cases, muscle, skin, or blood may be the only tissues collected.

Specimens should be kept clean, but are not expected to be sterile. It is especially necessary to avoid cross contamination between individuals. Tiny amounts of DNA from another specimen can be amplified and corrupt results. Therefore, instruments and work surfaces should be cleaned after each individual is sampled. We use a ten percent solution of chlorine bleach in water to clean off instruments. The instruments are wiped dry, then rinsed in clean water, and then wiped until dry with clean tissue paper. Bleach destroys DNA and is an excellent disinfectant. Alcohol preserves DNA and therefore should not be used to clean instruments.

Tube Cape Colors:

Red = Heart, Kidney, Spleen, and Lung, together in one tube -to ISU.

Orange = Kidney (by itself, not with heart) Yellow = Liver- To UAM

Gray = Spleen Lavender = Brain

White = Whole frozen Embryo or Parasites

Common Problems:

Over filling: Tubes that contain too much tissue will split when the tissue freezes and expands. Observe the fill line (approximately 2/3 full) when preparing large samples.

Loose caps: Caps may come loose and the samples may come out of the tubes. Please tighten caps firmly. This is particularly important when tubes are traveling in Dewar flasks of liquid nitrogen,

Inadequate labeling: Sloppy handwriting and faulty writing implements are major problems. Write the AF number on the tube at least twice, and on the cap once. Don't try to write on greasy, wet, or frozen tubes. Writing may be worn off of tubes if they are subjected to a lot of agitation while traveling in liquid nitrogen. This problem occurs with bags used to presample the tissues as well. Bags should be clearly labeled and if possible, a label should be included in the bag with the sample. Be sure to avoid cross contamination among bagged tissues and try to collect samples large enough so that we can obtain a cleanly trimmed final sample.

How to Preserve Samples in Ethanol for DNA Analysis

While not as useful as fresh frozen tissues, samples for DNA analysis can be preserved in ethyl alcohol (in a pinch, even everclear or vodka works satisfactorily):

1. Take about 0.3 grams of tissue (about the size of a pea). Nick it several times with small scissors or a sharp knife to increase the rate of alcohol penetration. It is not necessary or desirable to cut it into smaller pieces.
2. Place the sample in a cryotube and fill the tube to the fill line with 95% ethanol. Cap the tube tightly and agitate enough to be certain the sample is floating free in the tube.
3. Several hours later (overnight) drain off the alcohol and replace it with fresh. This is done because the water in the tissue has diluted the alcohol. This is especially important if using vodka or other alcohols that are initially less than 95%. Cap the cryotube tightly because the ethanol is quite volatile.

Be extremely careful when labeling the tubes if you use a Sharpie marking pen. Alcohol will dissolve this ink. If possible, place samples from an individual into a separate container with an alcohol-proof label (pencil or Uniball Deluxe pen on waterproof paper works well) or attach such a label to the vial. If you are storing the vials in a cryobox it is also possible to make a map of the locations of individual tubes in the box. Just make sure that they do not get rearranged. Wrapping a rubber band around the box helps prevent disastrous accidental box openings.

How To Preserve Frozen Tissue Samples

Archive Frozen Tissue Samples

Voles, Shrews, and Bats:

- 1 tube of *heart*, *lungs*, *spleen*, *kidneys* (RED caplet) for MSB.
- 1 tube of *liver* (YELLOW caplet) for UAM.

Squirrels, Marmots, Pikas, Hares, and Weasels:

- 1 tube *heart* (RED caplet) for MSB
- 1 tube *liver* (YELLOW caplet) for UAM
- Additional tubes can be taken, i.e., *kidneys* (ORANGE caplet) and *spleen* (GRAY caplet) on any rare captures (like marmots).

Embryos:

- *Embryos are assigned an unique number, not the number of their mother.*
- 1 tube per litter of embryos is preferred (WHITE caplet).
- Use additional tubes (with the same NK number) as needed if all of the embryos can not fit into one tube.
- Use only one NK number per batch of embryos.

Tissues are to be sampled for the frozen tissue collection from about 30 specimens of a given species from any one locality. If more are collected, specimens are to be preserved as alcoholic (or alcoholic and skulls) with their organs left in the carcass. Use your judgement on this. If you collect more than 30 of one species from one locality and feel that there is a reason to freeze tissues from additional specimens (diseased tissues, rare species, contact zone between species, unusual morphology, etc.) then do so.

Other Frozen Samples

Hanta samples from rodents

- Place lungs into the tube last so that they are easily accessible for sub-sampling
- If lungs are too big to be included with H,K, and Spl then use an additional tube for the lungs and write "lung" on the tube (**no caplet**).

Brain from marmots:

- Collect some brain tissue from marmots (LAVENDER caplet).

Endoparasites:

- Frozen endoparasites (nematodes) WHITE caplets.

How to Necropsy

Stomach: Open in a dish of water, examine for nematodes. These are usually associated with the lining of the stomach and are on the outside of the stomach contents.

Lungs: First remove the left half of the lungs for hanta virus (see later) and freeze: he careful and use sterilized forceps only (700/0 ethanol and cigarette lighter). Label nunc "Hanta." Visually examine rest of lungs for nematodes. These may appear as small tan lesions on the surface and extending deeper into the lung tissue. If nematodes are present freeze ¼ lung in nunc tube (white caplet) and label Lung/Nematode. One rare genus, *Angiostrongylus*, can be found in the big arteries of lungs.

Bladder: Open bladder in petri dish and examine contents under dissecting microscope.

Other Organs/Tissues: Basically parasites can occur in almost any organ- generally they are most abundant in the GI tract, but other organs including the liver (and gall bladder), etc., and the body cavity, should be examined (see Gardner protocols). Liver cysts or other Taeniid larvae loose in the coelom or thoracic cavity should be preserved in 70% ethanol.

Important: *Remember that all dishes, and dissecting instruments have to be completely clean and dry between animals. Wash and then rinse with ethanol. Tips of probes, scissors and micro-forceps can also be passed briefly through a flame after dipping in ethanol.*

Parasite Handling and Preservation

Cestodes (All mammalian taxa excluding shrews): Following collection from the small intestine, each specimen should be held in filtered water for an extended period (minimum 2 hours, preferably more). This allows the tapeworm to fully relax, which is necessary to examine the internal structure of the proglottids. ***Following relaxation and death in water, all strobilate adult tapeworms will be preserved in 70% ethanol***. Preservation should be done flat for large tapes including *Andrya* and some *Hymenolepis* in rodents; this is done by leaving the cestodes in a dish of ethanol overnight, and transferring the specimen to a vial the following day. Use the appropriate size vial for the specimen so there is sufficient preservative (a ratio of about 5:1 in volume for preservative relative to the specimen is maintained). The preservative should be changed once after 24 hours. Some tapeworms in *Microtus* are quite large (up to 20 cm). so he certain to use the proper size vial- one that is large enough for the worm and a sufficient amount of ethanol. Note the location of cestode in the intestine and record in the NK book. If problems with vial size, a big tape can cut in two parts and preserved in two vials. Use one number with a and b, mark on the notes.

Digenia (Flukes): Flukes can be relaxed in filtered water, which often allows specimens to expel eggs that might otherwise obscure some organs. Preserve flukes in 70% ethanol: (or alternatively, freeze in LN2 (white caplet)); if there are large numbers do both. Keep parasites from different organ systems separate.

Nematodes: Nematodes should not be held in water for extended periods of time, as Osmotic pressure will eventually cause the specimen to burst. Specimens should be washed in water or saline and then preserved in 70% ethanol or frozen in LN2 (white caplet) if there are large numbers do both. Keep parasites from different organ systems separate.

Enteric Coccidians: Fecal samples to isolate coccidia should be taken from select species of mammals. Collect a few pellets from the rectum or a scraping from the caecum/large intestine, crush the pellets and put in potassium dichromate (20/0 solution). ***Important:*** *1) Do not overfill the vial, oxygen is necessary for survival of the coccida, and 2) the specimens should not be frozen.*

Brain tissue, Marmota: Collect some brain tissue for freezing (LAVENDER caplet).

Protocols for Ectoparasites: Examine pelage for ticks, fleas and mites. Wash collection bag with 70% ethanol, then cut corner of bag and let contents drain into a small vial. Add ecto juice to fill. Comment in the NK book the condition of the animal (as to whether or not the animal was wet vs. dry). **Do not reuse collection bags!!**

Protocols for Hanta Virus: Focus on the following rodents: *Clethrionomys*, *Lemmus*, *Dicrostonyx* and *Microtus*. Be sterile. The rodent's left lobes of lungs are frozen in a single tube do not include with other organs; mark tube as Hanta use no caplet (these will go with Henttonen for later screening).

Protocols for Schistosomes: (E.S. Loker) Examine closely the mesenteric veins for any unusual trematode-like forms.

Tissue- Cyst Forming Coccidia: Typically these will be found in old arvicolines. *Sarcocystis* may he present on the peritoneum and in the musculature of the hind legs as whitish thread-like structures; if observed in the peritoneum, preserve some hind-leg musculature in 70% ethanol. *Frenkelia* may be present in the brain; cysts are easily seen as whitish spots (0.5-1.0 mm) on the surface of the brain. Do not collect from specimens with intact skulls destined for the Museum. In animals with broken skulls: first remove the upper part of the skull by cutting the bone between the eyes; remove skin from the eyes backwards; cut the skull (but not the brain) starting from the eyes along the sides, and then lift the top from the anterior part exposing the brain. If present, cysts (whitish spots) will be visible; remove brain with forceps; slice into 2 or 3 parts; preserve in 70% ethanol. Remember to save the dentition from these animals.

Trapline Data Sheet

NATIONAL PARK SERVICE SMALL MAMMAL INVENTORY

Collectors_____ Date Set_____ 2004

National Park: _____

Locality_____

Lat (decimal) _____ Long (decimal) _____ Elevation(m)_____

Source GPS Datum_____ Maximum Error(m)_____

****

LINE#____ TRAPS_____

HABITAT (canopy, shrub, grass & forb):

****

DATE				
TEMP				
PRECIP				
SKY				
CAPTURES	Embryos:	Embryos:	Embryos:	Embryos:

TOTAL CAPTURES: TOTAL TN:

Sample AF Page

AF 52125

ALASKA FROZEN TISSUE COLLECTION
University of Alaska Museum

Collector: S.O. MacDonald et al

Preparator: _____ Field #: _____

Species: Clethrionomys rutilus Sex: M (F)? adult

Country/State Alaska Quad: Charley River

District (e.g. island, county, Nat'l Park): Yukon

Specific locality: 12.5 Km ENE Kathul Mt.

Latitude: 65° 22.231 'N Longitude: 142° 00.748' W Authority: GPS

Date of death: 26 July 2001 preparation: _____

Nature of voucher (Circle one or more): skin (skull) skeleton

fluid-preserved whole frozen tissues only other _____

Preserved tissue	#tubes	pres	Preserved tissue	#tubes	pres
heart			blood		
kidney			karyotype		
heart & kidney			ectoparasites	1	7090
H, [redacted], spleen	1	Pz	nematode		
Liver & kidney	1	fz	cestode		
spleen	1	alsev	coccidia	1	cocc
lung			other(Hanta)	1	fz
muscle			other( )		

Condition of tissues (Circle one): (poor) 1 2 3 (4) 5 (excellent)

Relationship: mother of # _____

Repro condition: 6 embryos (1L, 5R) CR=13x12

Measurements (total-tail-hindfoot-efn-weight): 127 - 27 - 18 - 14 = 29.2g

Remarks _____

Museum use: Collection _____ UAM# _____ Accession # 2001.044

PERMANENT ARCHIVAL RECORD - Please use permanent ink and return to University of Alaska Museum, Fairbanks, AK 99775-6960

KEY TO ORDERS OF ALASKA SMALL MAMMALS

- Body very small, snout relatively long and slender pointed, eyes tiny, 5 clawed toes on forefeet; needle-sharp teeth in a continuous row; zygomatic arches and auditory bulla absent . . . . . SHREWS (INSECTIVORA)
- Body larger, snout blunter, 4 clawed toes on forefeet; 2 pairs of large, curved, chisel-like incisor teeth visible in front of the mouth with a large space (diastema) between incisors and the row of cheek-teeth; zygomatic arches and auditory bulla present . . . . . RODENTS (RODENTIA)

KEY TO THE SHREWS OF ALASKA

1. • Only 3 unicuspid teeth clearly visible when viewed from the side (3rd and 5th unicuspids tiny). . . . . ***Sorex hoyi***
   • 4–5 unicuspid teeth visible when viewed from the side ↓2

2. • 3rd unicuspid tooth noticeably smaller than the 4th ↓3
   • 3rd unicuspid tooth equal to or larger than the 4th ↓4

3. • Total length usually greater than 130 mm; Skull length usually greater than 19 mm; pelage gray-black; fringe of stiff hairs on hind feet . . . . . ***Sorex palustris***
   • Total length less than 130 mm; Skull length less than 19 mm; pelage brownish; hind feet without fringe of stiff hairs . . . . . ***Sorex monticolus***

4. • Post-mandibular canal on the jaw well developed; 3rd unicuspid tooth noticeably larger than 4th; 5th clearly visible and pigmented ↓*5*
   • Post-mandibular canal absent; 3rd unicuspid tooth equal or nearly equal to 4th; 5th inconspicuous and unpigmented ↓*6*

5. • Body tiny (usually less than 80 mm, tail less than 28 mm, hind foot less than 10 mm); 1st unicuspid noticeably larger than 2nd; 2nd about equal to 3rd ; pelage indistinctly tricolored without sharply contrasting dorsal stripe . . . . . ***Sorex yukonicus***
   • Body much larger (usually greater than 90 mm, tail greater than 30 mm, hind foot greater than 12); 1st unicuspid smaller than 2nd; 2nd noticeably larger than 3rd ; pelage distinctly tricolored with sharply contrasting dorsal stripe . . . . . ***Sorex tundrensis***

6. • Found only on islands in the Bering Sea ↓7
   • Not as above ↓8

7. • Known only from St. Paul, Pribilof Islands . . . . . ***Sorex hydrodromus***
   • Known only from St. Lawrence Island . . . . . ***Sorex jacksoni***

8. • Skull length usually less than 15 mm; tail short (usually less than 30 mm), light (pale brown above, whitish below), with a blackish terminal tuft; pelage tricolored with light color of underparts extending far up the sides, with brown back forming a well-defined dorsal stripe . . . . . ***Sorex ugyunak***

- Skull length usually greater than 15 mm; tail longer (usually greater than 30 mm), darker, and lacking a dark terminal tuft; pelage usually bicolored lacking a distinct dorsal stripe ..... ***Sorex cinereus***

KEY TO THE SMALL RODENTS OF ALASKA

1. • Hind legs considerably longer than frontlegs; tail very long in relation to body size, usually greater than 125 mm; infraorbital canal of skull large and oval; 4 upper cheek-teeth that includes a small premolar (DIPODIDAE) ↓2
   - Front legs and hind legs equal in size; tail length variable relative to total size; infraorbital canal smaller, being much wider at the top than at the bottom; 3 upper cheek-teeth (MURIDAE) ↓3

2. • Length of upper cheek-tooth row greater than 3.7 mm; incisive foramina longer than 4.7 mm; posterior portion of septum dividing the incisive foramina very thin ..... ***Zapus princeps***
   - Length of upper cheek-tooth row less than 3.7 mm; incisive foramina shorter than 4.7 mm; posterior portion of septum dividing the incisive foramina broad ..... ***Zapus hudsonius***

3. • Mouse- and rat-like with a slender body, pointed snout, well-developed hind legs, large eyes, prominent ears, and a long tail; cheek-teeth cuspidate or, if cusp pattern not apparent, flat-crowned and prismatic not arranged as alternating triangles ↓4
   - Vole-like with a stout, furry body, blunt snout, short legs, small eyes, ears frequently hidden by long pelage, and tail relatively short; cheek-teeth without rows of cusps on crown; crowns flat with alternating triangles or "puddles" filled with dentine and surrounded by enamel ↓7

4. • Cheek-teeth appearing prismatic and flat-crowned; tail well furred and bushy ..... ***Neotoma cinerea***
   - Cheek-teeth clearly cuspidate; tail without hair ↓5

5. • 2 rows of cusps running down the crowns of the tooth row ..... ***Peromyscus keeni***
   - 3 rows of cusps running down the crowns of the tooth row ↓6

6. • Total length greater than 300 mm; 1st upper cheek-tooth (M1) about equal to or less than combined length of M2 and M3 ..... ***Rattus norvegicus***
   - Total length less than 200 mm; M1 length greater than combined length of M2 and M3 ..... ***Mus musculus***

7. • Tail very short, about as long as the hind foot; lower incisors set inward from the cheek-teeth, and ending in a horizontal projection opposite or in front of the socket of the last lower molar ↓8
   - Tail length variable but clearly extending past the hind feet when legs outstretched; lower incisors passing from the tongue to the lip sides of the cheek-teeth and ascending back to within or near the condylar process ↓10

8. • Pelage uniformly grizzled brown above, grayish below; upper incisors deeply grooved with projecting outer edges . . . . . ***Synaptomys borealis*** (p. 16)
   • Pelage more colorful; upper incisors not grooved ↓ *9*

9. • Chestnut-brown above and without black stripe down back; cheek-teeth relatively simple with few loops; inner salient angles of upper molars and outer angles of lower molars smaller than those of the opposite side; robust skull lacking squamosal peg inside orbit . . . . . ***Lemmus trimucronatus***
   • In summer, buff-gray above with black stripe down back, buff-gray to white below, pale or tawny ruff across throat; turn all white and develop digging claws in winter (except on Unalaska Island); cheek-teeth complex with many loops; inner and outer salient angles approximately equal in size; prominent squamosal pegs project laterally forward into orbits of the skull . . . . . ***Dicrostonyx groenlandicus***

10. • Pelage rust-reddish above; skull relatively rounded and light, zygomatic arches relatively slender and the mandibles week; outer angles of cheek-teeth rounded, without a "heel" projecting posteriorly on the last upper molar (M3) ↓ *11*
    • Pelage color not as above; skull relatively angular and more massive, zygomatic arches and mandibles more robust; outer angles of cheek-teeth pointed, with a "heel" projecting posteriorly on the M3 ↓ 12

11. • Tail short, thick, with closely set bristly hairs; post-palatal bridge usually incomplete in adults, and always incomplete up through 1st year . ***Clethrionomys rutilus***
    • Tail longer and more slender, with short hairs except at tip where hairs longer; post-palatal bridge always complete, even in half grown young . . ***Clethrionomys gapperi***

12. • Flanks and venter buffy in color; ear spot usually buff or tawny; tail very short (less than 28 mm) and heavily furred and tipped with stiff tawny hairs; skull light, long, narrow and flat; prominent interorbital keel in adults, with this region being depressed ↓ 13
    • Pelage color not as above; tail longer (more than 28 mm); skull more rugged as less long, narrow and flat appearing; no prominent interorbital keel or depression ↓ 14

13. • Hind foot greater than 21.5 mm; known to occur only on St. Matthew and Hall islands, Bering Sea. . . . . ***Microtus abbreviatus***
    • Hind foot less than 21.5 mm; inhabits the mountains on the mainland . . . . . ***Microtus miurus***

14. • Adults exceptionally large (often 200+ mm in length, 100+ grams in weight); whisker area conspicuously rusty-yellowish in color . . . . . ***Microtus xanthognathus***
    • Adults smaller, without conspicuous rusty-yellow snout ↓ 15

15. • Cheek-teeth (usually black in color) rooted in adults; re-entrant angles on the inner side of the lower molars deeper than those on the outer side (Fig. 3) . . . . . ***Phenacomys intermedius***
    • Cheek-teeth not rooted in adults; re-entrant angles on the inner side of the lower molars approximately equal in depth ↓ 16

16. • Tail averaging one-third or more of total length
. . . . . ***Microtus longicaudus***
• Tail averaging less than 1/3 of total length ↓17

17. • 2nd upper molar (M2) with 4 closed triangles and a posterior loop
. . . . . ***Microtus pennsylvanicus***
• M2 with 4 closed triangles and no posterior loop
. . . . . ***Microtus oeconomus***