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TYPE SPECIMENS OF RECENT MAMMALS IN THE UTAH MUSEUM
OF NATURAL HISTORY, UNIVERSITY OF UTAH¹

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ABSTRACT.—A detailed list of holotypes of Recent mammals housed in the Utah Museum of Natural History is presented.

The collection of Recent mammals at the Utah Museum of Natural History includes more than 28,500 cataloged specimens. Among these are 40 holotypes of Utah mammals deposited over a 25-year period. As part of a current project to renovate and computerize the entire mammal collection, this paper presents the first published list of type specimens.

Taxa are arranged following Hall (1981). Each entry includes the name as originally proposed, followed by the original reference and date of publication. Age, sex, nature of specimen, University of Utah (UU) catalog number, type locality, date of collection, collector(s), original number, and standard external measurements follow in order. This information was verified against previous citations (Durrant 1952, Miller and Kellogg 1955, Hall 1981) and the original specimen labels. Changes in nomenclature or taxonomic status, corrections of erroneous information, and notes on current condition of the specimen are listed under REMARKS.

LAGOMORPHA

Ochotonidae

Ochotona princeps barnsei Durrant & Lee, Proc. Biol. Soc. Washington 68:6, 20 May 1955. HOLOTYPE.—Adult male, skin and skull, UU 8140, from Johnson's Reservoir, 15 mi N Loa, 8,800 ft, Sevier Co., Utah; obtained 23 August 1952 by M. R. Lee, original number 123; measurements: 20-[?]-32-25.

Ochotona princeps lasalensis Durrant & Lee, Proc. Biol. Soc. Washington 68:4, 20 May 1955. HOLOTYPE.—Adult male, skin and

skull, UU 6409, from Warner Ranger Station, La Sal Mountains, 9,750 ft, Grand Co., Utah; obtained 23 June 1948 by K. R. Kelson, original number 531; measurements: 178-6-30-23. REMARKS.—Cheek teeth loose.

Ochotona princeps wasatchensis Durrant & Lee, Proc. Biol. Soc. Washington 68:2, 20 May 1955. HOLOTYPE.—Adult male, skin and skull, UU 4787, from 10 mi above lower powerhouse, road to Cardiff Mine, Big Cottonwood Canyon, Salt Lake Co., Utah; obtained 24 June 1946 by J. Berryman, original number 1; measurements: 240-3-31-23, 158 g.

RODENTIA

Sciuridae

Citellus leucurus escalante Hansen, J. Mammal. 36:274, 26 May 1955. HOLOTYPE.—Adult female, skin and skull, UU 9195, from 2 mi SE Escalante, 5,400 ft, Garfield Co., Utah; obtained 19 August 1953 by M. R. Lee, original number 493; measurements: 225-59-40-13. REMARKS.—Placed in the genus *Ammospermophilus* (Hall 1981). Occipital and frontal regions damaged.

Citellus leucurus notom Hansen, J. Mammal. 36:274, 26 May 1955. HOLOTYPE.—Adult male, skin and skull, UU 9919, from Notom, Wayne Co., Utah; obtained 2 July 1936 by D. E. Beck, original number 5288N; measurements: 215-68-41-[?]. REMARKS.—Placed in the genus *Ammospermophilus* (Hall 1981). Right mandible incomplete, left zygomatic arch broken.

Citellus variegatus robustus Durrant & Hansen, Proc. Biol. Soc. Washington 67:264, 15 November 1954. HOLOTYPE.—Adult

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female, skin and skull, UU 7668, from Pass Creek, Deep Creek Mountains, 8,000 ft, Juab Co., Utah; obtained 5 June 1950 by R. M. Hansen, original number 188; measurements: 556-211-64-27. REMARKS.—Placed under the name *Spermophilus* (Hall 1981).

Sciurus aberti navajo Durrant & Kelson, Proc. Biol. Soc. Washington 60:79, 2 July 1947. HOLOTYPE.—Adult male, skin and skull, UU 4775, from 1 mi E Kigalia Ranger Station, 30 mi W Blanding, Natural Bridges National Monument Road, 8,000 ft, San Juan Co., Utah; obtained 10 September 1946 by G. F. Edmunds and I. B. McNulty, original number 2452 of S. D. Durrant; measurements: 486-220-74-31. REMARKS.—Considered a synonym of *S. a. aberti* (Hoffmeister and Diersing, J. Mammal. 59:408, 30 May 1978).

Tamiasciurus fremonti dixiensis Hardy, Proc. Biol. Soc. Washington 55:87, 25 June 1942. HOLOTYPE.—Adult male, skin and skull, UU 4374, from near Further Water, Dixie National Forest, Pine Valley Mountains, ca 9,500 ft, Washington Co., Utah; obtained 23 August 1941 by O. Hall and R. Hardy, original number 2223 of Hardy; measurements: 339-131-53-28. REMARKS.—Arranged as *T. hudsonicus dixiensis* (Hardy, Proc. Biol. Soc. Washington 63:13, 26 April 1950).

Glaucomys sabrinus murinauralis Musser, Proc. Biol. Soc. Washington 74:120, 11 August 1961. HOLOTYPE.—Adult male, skin, skull, and postcranial skeleton, UU 15652, from Timid Springs (SW 1/4, NE 1/4, Sec 7, T29S, R4W), 1 mi N Big Flat Guard Station, Tushar Mountains, 10,300 ft, Beaver Co., Utah; obtained 15 August 1960 by G. G. Musser, original number 1232; measurements: 329-155-42-30, 126 g.

Geomyidae

Thomomys talpoides durranti Kelson, Proc. Biol. Soc. Washington 62:143, 23 August 1949. HOLOTYPE.—Adult female, skin and skull, UU 5603, from Johnson Creek, 14 mi N Blanding, 7,500 ft, San Juan Co., Utah; obtained 20 May 1947 by K. R. Kelson, original number 201; measurements: 215-64-28-8.

Thomomys talpoides oquirrhensis Durrant, Bull. Univ. Utah 30(5):3, 24 October 1939. HOLOTYPE.—Adult male, skin and skull, UU 2605, from Settlement Creek,

Oquirrh Mountains, 6,500 ft, Tooele Co., Utah; obtained 11 June 1938 by S. D. Durrant, original number 1461; measurements: 203-55-28-6.

Thomomys talpoides wasatchensis Durrant, Publ. Mus. Nat. Hist., Univ. Kansas 1:8, 15 August 1946. HOLOTYPE.—Adult male, skin and skull, UU 1604, from Midway, 5,500 ft, Wasatch Co., Utah; obtained 1 September 1936 by S. D. Durrant, original number 1049; measurements: 233-75-31-8.

Thomomys bottae bonnevilliei Durrant, Publ. Mus. Nat. Hist., Univ. Kansas 1:41, 15 August 1946. HOLOTYPE.—Adult male, skin and skull, UU 3576, from Fish Springs, 4,400 ft, Juab Co., Utah; obtained 8 June 1940 by S. D. Durrant, original number 1955; measurements: 221-62-30-6. REMARKS.—Arranged as *T. umbrinus bonnevilliei* (Hall 1981).

Thomomys bottae contractus Durrant, Publ. Mus. Nat. Hist., Univ. Kansas 1:50, 15 August 1946. HOLOTYPE.—Adult male, skin and skull, UU 1851, from Scipio, 5,315 ft, Millard Co., Utah; obtained 17 September 1936 by S. D. Durrant, original number 1125; measurements: 255-85-33-8. REMARKS.—Arranged as *T. umbrinus contractus* (Hall 1981).

Thomomys bottae convexus Durrant, Proc. Biol. Soc. Washington 52:159, 11 October 1939. HOLOTYPE.—Adult male, skin and skull, UU 2482, from E side Clear Lake, 4,600 ft, Millard Co., Utah; obtained 20 May 1938 by S. D. Durrant, original number 1401; measurements: 206-58-27-4. REMARKS.—Arranged as *T. umbrinus convexus* (Hall 1981). Cheek teeth loose.

Thomomys bottae nesophilus Durrant, Bull. Univ. Utah 27(2):2, 3 October 1936. HOLOTYPE.—Adult male, skin and skull, UU 1136, from Antelope Island, Great Salt Lake, Davis Co., Utah; obtained 20 April 1935 by S. D. Durrant, original number 761; measurements: 222-60-32-6. REMARKS.—Arranged as *T. umbrinus nesophilus* (Hall 1981). Left coronoid process broken.

Thomomys bottae powelli Durrant, Proc. Biol. Soc. Washington 68:79, 3 August 1955. HOLOTYPE.—Adult female, skin and skull, UU 7955, from Hall Ranch, Salt Gulch, 8 mi W Boulder, 6,000 ft, Garfield Co., Utah; obtained 7 August 1951 by S. D. Durrant, original number 2578; measurements: 232-65-32-5. REMARKS.—Arranged as *T. umbrinus*

powelli (Hall 1981).

Thomomys bottae robustus Durrant, Publ. Mus. Nat. Hist., Univ. Kansas 1:30, 15 August 1946. HOLOTYPE.—Adult male, skin and skull, UU 2726, from Orr's Ranch, Skull Valley, 4,300 ft, Tooele Co., Utah; obtained 19 June 1938 by S. D. Durrant, original number 1583; measurements: 226-65-31-5. REMARKS.—Arranged as *T. umbrinus robustus* (Hall 1981).

Thomomys bottae sevieri Durrant, Publ. Mus. Nat. Hist., Univ. Kansas 1:45, 15 August 1946. HOLOTYPE.—Adult female, skin and skull, UU 2530, from Swasey Spring, House Mountains, 6,500 ft, Millard Co., Utah; obtained 16 May 1938 by S. D. Durrant, original number 1380; measurements: 200-58-28-4. REMARKS.—Arranged as *T. umbrinus sevieri* (Hall 1981). Cheek teeth loose.

Thomomys bottae stansburyi Durrant, Publ. Mus. Nat. Hist., Univ. Kansas 1:36, 15 August 1946. HOLOTYPE.—Adult female, skin and skull, UU 2045, from South Willow Creek, Stansbury Mountains, 7,500 ft, Tooele Co., Utah; obtained 2 July 1937 by O. S. Walsh and S. D. Durrant, original number 1257 of Durrant; measurements: 209-49-28-5. REMARKS.—Arranged as *T. umbrinus stansburyi* (Hall 1981).

Thomomys bottae tivius Durrant, Bull. Univ. Utah 28(4):5, 18 August 1937. HOLOTYPE.—Adult female, skin and skull, UU 1827, from Oak Creek Canyon, 6 mi E Oak City, 6,000 ft, Millard Co., Utah; obtained 14 September 1936 by S. D. Durrant, original number 1100; measurements: 215-69-30-6. REMARKS.—Arranged as *T. umbrinus tivius* (Hall 1981).

Thomomys bottae wahwahensis Durrant, Bull. Univ. Utah 28(4):3, 18 August 1937. HOLOTYPE.—Adult male, skin and skull, UU 1750, from Wah Wah Springs, 30 mi W Milford, 6,500 ft, Beaver Co., Utah; obtained 22 July 1936 by S. D. Durrant, original number 989; measurements: 220-63-29-5. REMARKS.—Arranged as *T. umbrinus wahwahensis* (Hall 1981). Right coronoid process broken.

Heteromyidae

Perognathus parvus bullatus Durrant & Lee, Proc. Biol. Soc. Washington 69:183, 31 December 1956. HOLOTYPE.—Adult male, skin and skull, UU 8771, from Ekker's Ranch,

Robbers Roost, 25 mi (airline) E Hanksville, 6,000 ft, Wayne Co., Utah; obtained 18 May 1951 by J. Bushman, original number 54; measurements: 160-85-22-8.

Microdipodops megacephalus leucotis Hall & Durrant, Murrelet 22:6, 30 April 1941. HOLOTYPE.—Adult female, skin and skull, UU 3525, from 18 mi SW Orr's Ranch, 4,400 ft, Tooele Co., Utah; obtained 6 June 1940 by S. D. Durrant, original number 1904; measurements: 142-75-24-9. REMARKS.—Bulla broken.

Dipodomys ordii celeripes Durrant & Hall, Mammalia 3:10, March 1939. HOLOTYPE.—Adult male, skin and skull, UU 1956, from Trout Creek, 4,600 ft, Juab Co., Utah; obtained 5 May 1937 by S. D. Durrant, original number 1168; measurements: 225-126-41-13. REMARKS.—Left bulla broken.

Dipodomys ordii cinderensis Hardy, Proc. Biol. Soc. Washington 57:53, 31 October 1944. HOLOTYPE.—Adult male, skin and skull, UU 4611, from sandy soil immediately north of the northern of two large cinder cones, Diamond Valley, 10 mi N St. George, Washington Co., Utah; obtained 13 February 1944 by R. Hardy, original number 2690; measurements: 232-124-38-14.

Dipodomys ordii pallidus Durrant & Setzer, Bull. Univ. Utah 35(26):24, 30 June 1945. HOLOTYPE.—Adult male, skin and skull, UU 3526, from Old Lincoln Highway, 18 mi SW Orr's Ranch, Skull Valley, 4,400 ft, Tooele Co., Utah; obtained 6 June 1940 by S. D. Durrant, original number 1905; measurements: 240-138-40-14. REMARKS.—Left bulla broken.

Dipodomys ordii panguitchensis Hardy, Proc. Biol. Soc. Washington 55:90, 25 June 1942. HOLOTYPE.—Adult male, skin and skull, UU 4375, from 1 mi S Panguitch, 6,666 ft, Garfield Co., Utah; obtained 31 August 1940 by R. Hardy, original number 2151; measurements: 257-145-41-14.

Dipodomys ordii sanrafaeli Durrant & Setzer, Bull. Univ. Utah 35(26):26, 30 June 1945. HOLOTYPE.—Adult female, skin and skull, UU 4612, from 1.5 mi N Price, 5,567 ft, Carbon Co., Utah; obtained 5 June 1940 by R. Hardy and H. Higgins, original number 1901 of Hardy; measurements: 249-138-42-16.

Dipodomys microps woodburyi Hardy, Proc. Biol. Soc. Washington 55:89, 25 June 1942. HOLOTYPE.—Adult male, skin and

skull, UU 4376, from *Clistoyucca* area on Beaverdam Slope west of Beaverdam Mountains, ca 3,500 ft, Washington Co., Utah; obtained 19 October 1940 by R. Hardy, original number 2169; measurements: 302-177-43-14. REMARKS.—Considered a synonym of *D. m. celsus* (Stock, J. Mammal. 51:431, 20 May 1970).

Castoridae

Castor canadensis duchesnei Durrant & Crane, Univ. Kansas Publ., Mus. Nat. Hist. 1:413, 24 December 1948. HOLOTYPE.—Young adult male, skin and skull, UU 4625, from Duchesne River, 10 mi NW Duchesne, 5,600 ft, Duchesne Co., Utah; obtained 23 September 1946 by D. Thomas, original number 160 of K. R. Kelson; measurements: 1176-458-165-33, 26 lbs.

Castor canadensis pallidus Durrant & Crane, Univ. Kansas Publ., Mus. Nat. Hist. 1:409, 24 December 1948. HOLOTYPE.—Adult female, skin and skull, UU 719, from Lynn Canyon, 7,500 ft, Box Elder Co., Utah; obtained 7 September 1932 by W. W. Newby and A. M. Woodbury, original number 762a; measurements: 1040-380-157-35.

Castor canadensis rostralis Durrant & Crane, Univ. Kansas Publ., Mus. Nat. Hist. 1:411, 24 December 1948. HOLOTYPE.—Young adult male, skin and skull, UU 5199, from Red Butte Canyon, Fort Douglas, 5,000 ft, Salt Lake Co., Utah; obtained 13 October 1947 by H. S. Crane and C. M. Greenhalgh, original number 446 of Crane; measurements: 1330-470-170-34.

Cricetidae

Peromyscus boylii utahensis Durrant, Proc. Biol. Soc. Washington 59:167, 23 December 1946. HOLOTYPE.—Adult female, skin and skull, UU 4400, from 1/2 mi above lower power station, Millcreek Canyon, 5,800 ft, Salt Lake Co., Utah, obtained 15 November 1941 by H. W. Setzer, original number 297; measurements: 188-102-20-16. REMARKS.—Type locality given in original description incorrectly reads "5 miles above . . ." (Durrant 1952).

Neotoma lepida sanrafaeli Kelson, J.

Washington Acad. Sci. 39:418, 15 December 1949. HOLOTYPE.—Adult male, skin and skull, UU 6428, from Rock Canyon Corral, 5 mi SE Valley City, 4,500 ft, Grand Co., Utah; obtained 20 June 1948 by K. R. Kelson, original number 522; measurements: 312-128-34-30. REMARKS.—Hall (1981) incorrectly gives 9 January 1950 as the date of publication.

Neotoma cinerea macrodon Kelson, J. Washington Acad. Sci. 39:417, 15 December 1949. HOLOTYPE.—Adult male, skin and skull, UU 4725, from E side confluence Green and White rivers, 1 mi SE Ouray, 4,700 ft, Uintah Co., Utah; obtained 21 August 1946 by K. R. Kelson, original number 120; measurements: 372-158-38-36.

Microtus longicaudus incanus Lee & Durrant, Proc. Biol. Soc. Washington 73:168, 30 December 1960. HOLOTYPE.—Adult male, skin and skull, UU 14286, from 1/4 mi SE Burned Ridge, Mount Ellen, Henry Mountains, 10,300 ft, Garfield Co., Utah; obtained 10 September 1957 by M. R. Lee, original number 1512; measurements: 178-55-22-14.

Microtus richardsoni myodontus Rasmussen & Chamberlain, J. Mammal. 40:54, 20 February 1959. HOLOTYPE.—Adult male, skin and skull, UU 13084, from top of ridge, head of Boulger Canyon, 2 mi NE Huntington Reservoir, Wasatch Plateau, 10,000 ft, Sanpete Co., Utah; obtained 6 July 1956 by D. I. Rasmussen, original number 143; measurements: 231-74-25-17.

Lagurus curtatus orbitus Dearden & Lee, J. Mammal. 36:271, 26 May 1955. HOLOTYPE.—Adult female, skin and skull, UU 9077, from Steep Creek, 15 mi N Boulder, 8,500 ft, Garfield Co., Utah; obtained 8 July 1953 by M. R. Lee, original number 291; measurements: 133-17-16-12.

Zapodidae

Zapus princeps chrysogenys Lee & Durrant, Proc. Biol. Soc. Washington 73:171, 30 December 1960. HOLOTYPE.—Adult male, skin and skull, UU 13834, from 2.5 mi NE La Sal Peak, La Sal Mountains, 8,500 ft, Grand Co., Utah; obtained 17 July 1956 by M. R. Lee, original number 1436; measurements: 232-139-31-14.

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