

**THE
MAMMALS
OF NORTH
AMERICA
SECOND EDITION**

Marsupialia • Insectivora
Chiroptera • Primates
Edentata • Lagomorpha
Rodentia

VOLUME I

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THE MAMMALS OF NORTH AMERICA

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VOLUME I
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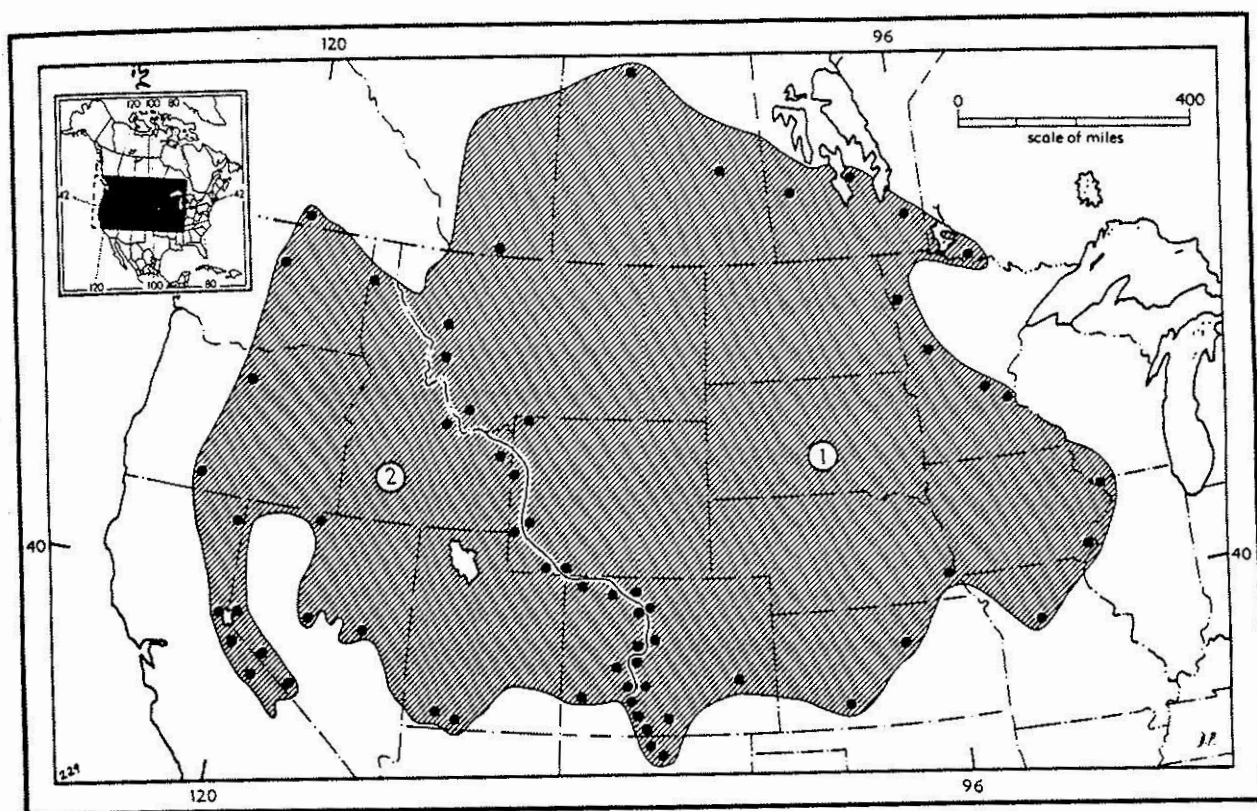
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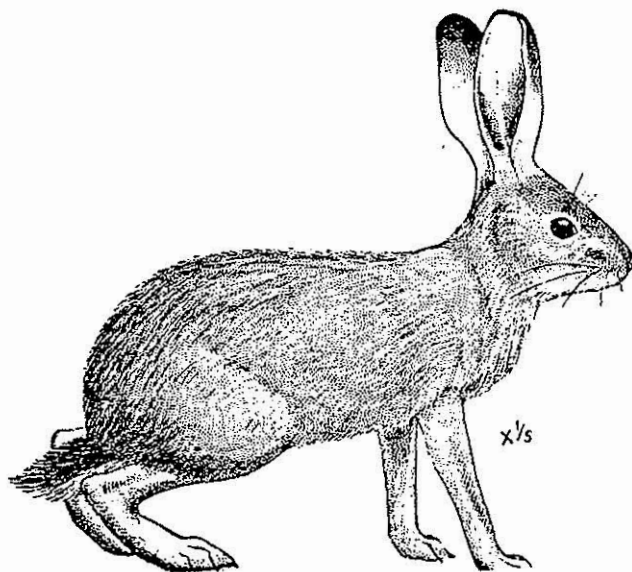
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Map 229. *Lepus townsendii*.1. *L. t. campanius*2. *L. t. townsendii*

Lepus californicus
Black-tailed Jack Rabbit



Total length, 465-630; tail, 50-112; hind foot, 112-145; ear from notch (dry), 99-131. Upper

parts gray to blackish; tail with black mid-dorsal stripe extending onto back. On the tableland of México and in the southwestern United States where this species occurs together with the white-sided jack rabbits, *L. californicus* can be recognized by the terminal black patch on the outside of each ear and by the less extensive area of white on the flank. To the eastward, in Tamaulipas, where only the black-tailed jack rabbit occurs, it too has extensively white flanks, and some individuals lack the terminal black patch on the ear.

A certain means for distinguishing the skulls of the black-tailed jack rabbit from those of all the white-sided jack rabbits has not yet been discovered. The same is true of the skulls of the white-tailed jack rabbit and the black-tailed jack rabbit in the Great Basin region of Nevada. The skulls, at least of adults, of these two species in the region east of the Rocky Mountains can be readily distinguished by the pattern of infolding of the enamel on the front of the 1st upper incisor teeth; *L. townsendii* has a simple groove on the anterior face of the tooth and *L. californicus*, east of the Rocky Mountains, has a bifurcation, or even

trifurcation, of the infold that can readily be seen by examining the occlusal surface of the incisor.

Lepus californicus altamirae Nelson

1904. *Lepus merriami altamirae* Nelson, Proc. Biol. Soc. Washington, 17:109, May 18, type from Alta Mira, Tamaulipas.

1951. *Lepus californicus altamirae*, Hall, Univ. Kansas Publ., Mus. Nat. Hist., 5:45, October 1.

MARGINAL RECORDS.—Tamaulipas: 3 mi. N Soto la Marina (Alvarez, 1963:420); type locality; 2 mi. NW Soto la Marina (Alvarez, 1963:420).

Lepus californicus asellus Miller

1899. *Lepus asellus* Miller, Proc. Acad. Nat. Sci. Philadelphia, 51:380, September 29, type from San Luis Potosí, San Luis Potosí.

1909. *Lepus californicus asellus*, Nelson, N. Amer. Fauna, 29:150, August 31.

MARGINAL RECORDS.—Coahuila: 3 mi. S, 3 mi. E Muralla, 3800 ft.; Jaral; 15 mi. N, 41 mi. W Saltillo. Nuevo León: Miquihuana. San Luis Potosí: Ciudad del Maíz; Río Verde. Aguascalientes: Chicalote. Zacatecas: Valparaíso.

Lepus californicus bennettii Gray

1843. *Lepus bennettii* Gray, The zoology of the voyage of H.M.S. Sulphur . . . , p. 35, pl. 14, April, type from San Diego, San Diego Co., California.

1909. *Lepus californicus bennettii*, Nelson, N. Amer. Fauna, 29:136, August 31.

MARGINAL RECORDS.—California: Mt. Piños; Arroyo Seco, Pasadena; San Felipe Valley; Jacumba.

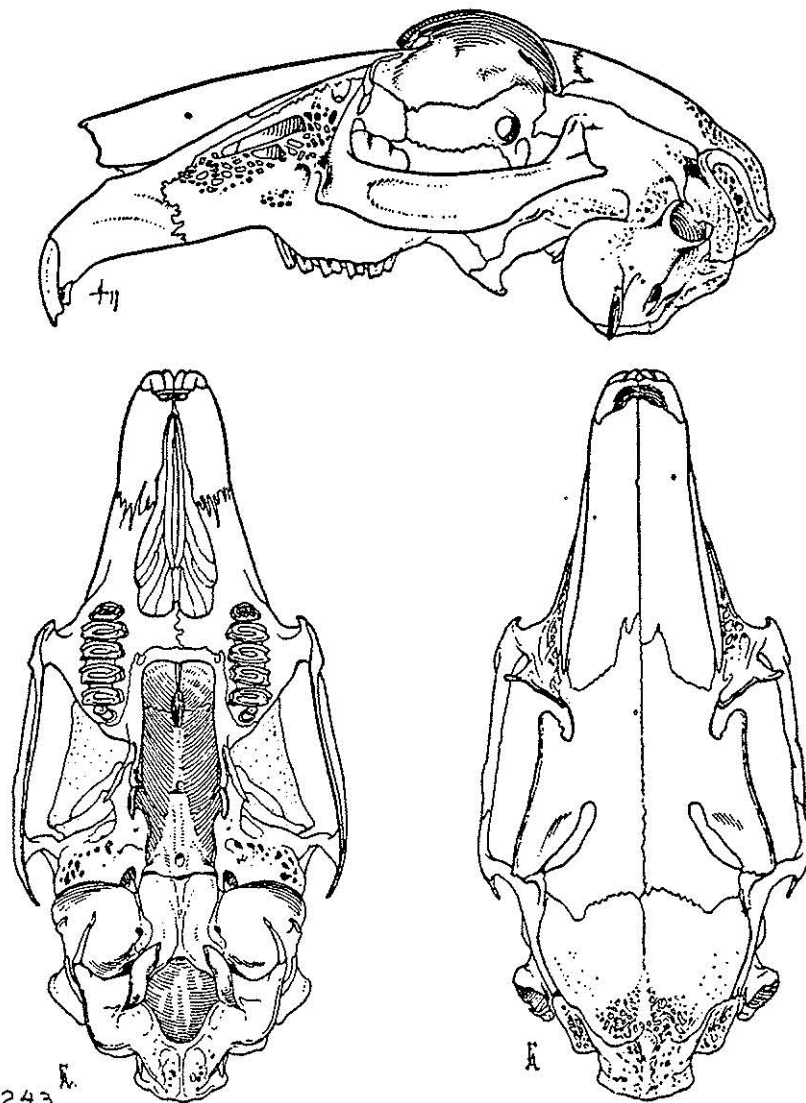


Fig. 243. *Lepus californicus texianus*, E base Burro Mesa, 3500 ft., Big Bend, Brewster Co., Texas, No. 81694 M.V.Z., ♂, X 1.

Baja California: San Quintín. Northward along coast at least to California: Montalvo.

Lepus californicus californicus Gray

1837. *Lepus californicus* Gray, Charlesworth's Mag. Nat. Hist., 1:586, type from "St. Antoine," California (probably on coastal slope of mts. near Mission of San Antonio, Jolon, Monterey Co.).

1926. *Lepus californicus vigilax* Dice, Occas. Pap. Mus. Zool., Univ. Michigan, 166:11, February 11, type from Balls Ferry, Shasta Co., California. Regarded as identical with *californicus* by Orr, Occas. Pap. California Acad. Sci., 19:67, May 25, 1940.

MARGINAL RECORDS.—Oregon: Drain; Grants Pass. California: Callahan, Scott River; 3300 ft., Lyman's, NW of Lyonsville; Dry Creek, Oroville—Chico Road; Snelling; Hernandez; Morro; Carmel Point; Balinas Bay; Freestone; Sherwood; Ferndale; 3 mi. W Arcata. Oregon: Rogue River Valley.

Lepus californicus curti Hall

1951. *Lepus californicus curti* Hall, Univ. Kansas Publ., Mus. Nat. Hist., 5:42, October 1, type from island 88 mi. S, 10 mi. W Matamoros, Tamaulipas.

MARGINAL RECORDS.—Tamaulipas: type locality; 90 mi. S, 10 mi. W Matamoros (Alvarez, 1963:420).

Lepus californicus deserticola Mearns

1896. *Lepus texianus deserticola* Mearns, Proc. U.S. Nat. Mus., 18:564, June 24, type from western edge Colorado Desert, base Coast Range Mts., Imperial Co., California.

1909. *Lepus californicus deserticola*, Nelson, N. Amer. Fauna, 29:137, August 31.

1932. *Lepus californicus depressus* Hall and Witlow, Proc. Biol. Soc. Washington, 45:71, April 2, type from $\frac{1}{2}$ mi. S Pocatello, Bannock Co., Idaho. (Regarded as inseparable from *L. c. deserticola* by Davis, The Recent mammals of Idaho, Caxton Printers, Caldwell, Idaho, p. 359, April 5, 1939.)

MARGINAL RECORDS.—Montana (Hoffmann, *et al.*, 1969:585, as *L. californicus* only): Grasshopper Creek at Bannack; Sweetwater Creek, 21 mi. SE Dillon. Idaho: Blackfoot. Utah: Ogden; Provo; Loa. Arizona: San Francisco Mtn.; Fort Whipple; Phoenix; Rancho Bonito, Abra Valley. Sonora: El Doctor. Baja California: Calamahué [= Calamajue]; Esperanza Canyon. California: Coyote Wells; Kenworthy; Victorville; Farrington Ranch; 5 mi. SW Lone Pine; head Silver Canyon, 10,000 ft.; Mono Mills; near Woodfords, 5600 ft. Nevada: Sutcliffe; $\frac{1}{4}$ mi. S Sulphur. Idaho: 6 mi. S Murphy; Boise River; Sawtooth National Forest; Arco.

Lepus californicus eremicus J. A. Allen

1894. *Lepus texianus eremicus* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 6:347, December 7, type from Fairbank, Cochise Co., Arizona.

1909. *Lepus californicus eremicus*, Nelson, N. Amer. Fauna, 29:140, August 31.

MARGINAL RECORDS.—Arizona: Casa Grande; Fort Bowie; 2 mi. E Portal. Chihuahua (Anderson, 1972:265): 2 mi. N San Francisco, 5100 ft.; Vuelta de Alamos, 4100 ft.; Colonia García. Sonora: Hermosillo; La Libertad; Agua Dulce (of Sonora, not of Arizona).

Lepus californicus festinus Nelson

1904. *Lepus festinus* Nelson, Proc. Biol. Soc. Washington, 17:108, May 18, type from Irolo, Hidalgo.

1909. *Lepus californicus festinus* Nelson, N. Amer. Fauna, 29:151, August 31.

MARGINAL RECORDS.—Hidalgo: Zimapán; Tulancingo; type locality. Querétaro: Tequisquiapam.

Lepus californicus magdalenae Nelson

1907. *Lepus californicus magdalenae* Nelson, Proc. Biol. Soc. Washington, 20:81, July 22, type from Magdalena Island, Baja California.

MARGINAL RECORDS.—Baja California: type locality; Margarita Island.

Lepus californicus martirensis Stowell

1895. *Lepus martirensis* Stowell, Proc. California Acad. Sci., ser. 2, 5:51, May 28, type from San Pedro Mártir Mts., Baja California.

1909. *Lepus californicus martirensis*, Nelson, N. Amer. Fauna, 29:152, August 31.

MARGINAL RECORDS.—Baja California: La Huerta; Calamahué [= Calamajue]; San Bruno; Rancho San José; San Simón.

Lepus californicus melanotis Mearns

1890. *Lepus melanotis* Mearns, Bull. Amer. Mus. Nat. Hist., 2:297, February 21, type from Independence, Kansas.

1909. *Lepus californicus melanotis*, Nelson, N. Amer. Fauna, 29:146, August 31.

MARGINAL RECORDS.—South Dakota: Lyman County; T. 101 N, R. 62 E, in Davison Co. Nebraska: Oakland. Kansas: near Doniphan Lake. Missouri: Saline County; 5 mi. E Rockbridge. Arkansas: Lonsdale. Texas: near Boston (Packard, 1963:107); 3 mi. W Carthage (*op. cit.*:108); 5 mi. SW Center (*ibid.*); 6 mi. W Newton (*ibid.*, sight record only); Brazos County; Golinda; Washburn. New Mexico: Santa Rosa; vic. Cimarron. Colorado (Armstrong, 1972:93, 94): 4 mi. W La Veta; Custer County; Semper; 2 mi. N, $\frac{1}{4}$ mi. W Fort Collins. Wyoming (Long, 1965a:552): 1 $\frac{1}{2}$ mi. W Horse Creek; 18 mi. N [*? Laramie*]; 1 mi. N, 3 mi. E Orin. South Dakota: 20 mi. S, 25 mi. E Rapid City.