

SUPPLEMENTAL INFORMATION

**FEEDING ECOLOGY OF A GENERALIST PREDATOR, THE CALIFORNIA
KINGSLAKE (*LAMPROPELTIS CALIFORNIAE*): WHY RARE PREY
MATTER**

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APPENDIX A. Prey eaten by *Lampropeltis californiae* from throughout its geographic distribution. Prey taxonomy follows Crother (2017) for reptiles and amphibians, ASM (2009) for mammals, and AOU (2011) for birds. “Frequency” refers to the number of times each prey taxon was found in the entire sample; numbers in parentheses indicate the number of snakes that ate that particular prey. (†) Estimated taxon mass refers to the estimated mass of a single prey item multiplied by the frequency of that particular taxon consumed; sources used for estimation are listed at the bottom of the appendix table according to superscript reference. (‡) Caloric content (energy) estimates for prey items are based upon values from Zuffi et al. (2010). Asterisk (*) indicates sources of data from *L. g. nigrata* (*sensu lato*).

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
AMPHIBIA							
Caudata							
Ambystomatidae							
<i>Ambystoma mavortium nebulosum</i>	2(1)	0.0045	16.0 ^a	0.0014	10.2	0.0003	G.L. Bradley, pers. comm.
Anura							
Bufonidae							
<i>Anaxyrus punctatus</i>	1(1)	0.0022	17.0 ^b	0.0015	10.9	0.0003	Linsdale 1932

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
Hylidae							
<i>Pseudacris regilla</i>	2(2)	0.0045	16.0 ^{a,g}	0.0014	10.2	0.0003	CAS 192111; LACM 122103
Subtotal	5(4)	0.0112	49.0	0.0043	31.3	0.0009	

REPTILIA

Squamata

Helodermatidae

<i>Heloderma suspectum suspectum</i>	1(1)	0.0022	33.0 ^c	0.0029	129.0	0.0032	M. Goode, pers. comm. (see Beck 2005)
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Iguanidae

<i>Dipsosaurus dorsalis</i>	1(1)	0.0022	42.0 ^a	0.0037	164.2	0.0041	Banks and Farmer 1962
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Phrynosomatidae

<i>Sceloporus graciosus gracilis</i>	3(2)	0.0067	45.0 ^d	0.0040	176.0	0.0043	CAS 203132; MVZ 39346
<i>Sceloporus occidentalis occidentalis</i>	19(18)	0.0425	285.0 ^d	0.0253	1114.4	0.0275	MVZ 32881; Hansen 1982
<i>Sceloporus occidentalis biseriatus</i>	1(1)	0.0022	15.0 ^d	0.0013	58.7	0.0014	MVZ 34932
<i>Sceloporus occidentalis bocourtii</i>	6(6)	0.0134	90.0 ^d	0.0080	351.9	0.0087	SBNHM 1160; UCSB 15120; UCSB 17558; MVZ 18186; UCSB 20015; SBNHM 2324
<i>Sceloporus occidentalis longipes</i>	5(4)	0.0112	75.0 ^d	0.0067	293.3	0.0072	UCSB (Field No. SSS-23827); LACM 132468; M. Anguiano, pers.

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
							comm.
<i>S. occidentalis</i> or <i>S. graciosus</i>	1(1)	0.0022	15.0 ^d	0.0013	58.7	0.0014	MVZ 207603
<i>Sceloporus uniformis</i>	1(1)	0.0022	0.4	<0.0001	1.6	<0.0001	LACM 2514
<i>Sceloporus</i> sp.	3(3)	0.0067	45.0 ^d	0.0040	176.0	0.0043	SDMNH 69019; MVZ 204223; SDMNH 19572
<i>Uta stansburiana elegans</i>	6(6)	0.0134	20.3 ^{a,d}	0.0018	79.4	0.0020	CAS 27281; SDMNH 2416; SDMNH 25700; UNLV 7341; LACM 2508; D. Strong, pers. comm.
Sceloporine lizard	1(1)	0.0022	15.0 ^d	0.0013	58.7	0.0014	UAZ 25105*
Xantusidae							
<i>Xantusia vigilis</i>	1(1)	0.0022	1.0 ^e	0.0001	3.9	0.0001	Clark 1968
Scincidae							
<i>Plestiodon skiltonianus interparietalis</i>	4(4)	0.0089	61.2 ^d	0.0054	239.3	0.0059	CAS 27282; SDMNH 2533; SDMNH 28471; SDMNH 34785
<i>Plestiodon skiltonianus skiltonianus</i>	3(3)	0.0067	60.0 ^d	0.0053	234.6	0.0058	CAS 183519; CAS 190513; MVZ 229869
<i>Plestiodon gilberti gilberti</i>	1(1)	0.0022	20.0 ^d	0.0018	78.2	0.0019	Fitch 1949
<i>Plestiodon gilberti rubricaudatus</i>	1(1)	0.0022	20.0 ^d	0.0018	78.2	0.0019	SDMNH 4964

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>P. gilberti</i> or <i>P. skiltonianus</i>	9(9)	0.0201	142.4 ^d	0.0126	556.8	0.0138	CAS 64594; LACM 2490; MVZ 97114; MVZ 21891; SDMNH 23243; SDMNH 28314; UCSB 16331; Klauber, L.M., unpubl. field notes 26 June 1931, 24 Jan. 1942
Teiidae							
<i>Aspidoscelis tigris munda</i>	1(1)	0.0022	12.0 ^d	0.0011	46.9	0.0012	Fitch 1949
<i>Aspidoscelis tigris tigris</i>	1(1)	0.0022	12.0 ^d	0.0011	46.9	0.0012	LACM 64029
<i>Aspidoscelis hyperythra beldingi</i>	3(2)	0.0067	5.0 ^f	0.0004	19.6	0.0005	M. Anguiano, pers. comm.
<i>Aspidoscelis</i> sp.	1(1)	0.0022	12.0 ^d	0.0011	46.9	0.0012	UAZ 37056
Anguidae							
<i>Elgaria multicarinata multicarinata</i>	14(14)	0.0313	232.2 ^{a,g}	0.0206	907.9	0.0224	CAS 190517; CAS 44002; CAS 192103; CAS 190534; MVZ 191327; SBNHM 381; UCSB 13829; UCSB 16062; SBNHM 1081; SBNHM 834; UCSB 26588; UCSB 28212; UCSB 9273; Tomich, unpubl. field notes 14 Aug. 1948
<i>Elgaria multicarinata webbii</i>	13(12)	0.0291	192 ^{a,g}	0.0170	750.7	0.0186	CAS-SU 11899; SDMNH 11913; SDMNH 262; SDMNH 36304;

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
							SDMNH 68907; MVZ 74689; SDMNH 32667; M. Anguiano, pers. comm.
<i>Elgaria coerulea principis</i> or <i>E. multicaudata scincicauda</i>	1(1)	0.0022	25.0 ^a	0.0022	97.8	0.0024	KDW 187 (CAS)
<i>Elgaria kingii nobilis</i>	1(1)	0.0022	17.6 ^a	0.0016	68.8	0.0017	UAZ 56248
Anniellidae							
<i>Anniella pulchra</i>	2(2)	0.0045	9.9 ^b	0.0009	38.6	0.0010	SDMNH 4819; Miller 1944
Unidentified lizard	7(7)	0.0157	105.0 ^d	0.0093	410.6	0.0101	MVZ 129337; UCSB 13207; UAZ 46380; LACM 115818; M.P. Anguiano, pers. comm.; Bowles 1910; Klauber, L.M., unpubl. field notes, 19 April 1938
Subtotal	111(106)	0.2483	1608	0.1428	6287.6	0.1554	
Leptotyphlopidae							
<i>Rena humilis</i>	1(1)	0.0022	4.0 ^a	0.0004	15.6	0.0004	M. McCarthy, pers. comm.
<i>Rena humilis cahuilae</i>	3(2)	0.0067	12.0 ^a	0.0011	46.9	0.0012	CAS 80759; CAS 80761
<i>Rena humilis humilis</i>	1(1)	0.0022	4.0 ^a	0.0004	15.6	0.0004	UCSB 22400
Colubridae							

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Coluber constrictor mormon</i>	6(6)	0.0134	272.0 ^{a,g}	0.0241	1063.5	0.0263	CAS 44166; CAS 203143; MVZ 193343; S. J. Arnold, pers. comm.; Root, unpubl. field notes, 27 June 1963; M. Stromberg, pers. comm.
<i>Coluber lateralis lateralis</i>	4(4)	0.0089	187.0 ^{f,a}	0.0166	731.2	0.0181	M.P. Anguiano, pers. comm.; Klauber, L.M., unpubl. field notes, 10 Oct. 1933
<i>Coluber lateralis euryxanthus</i>	3(3)	0.0067	394.8 ^{a,i}	0.0351	1543.7	0.0382	MVZ 215931; J.A. Alvarez, pers. comm.; M. Yacelga, pers. comm.
<i>Coluber taeniatus taeniatus</i>	1(1)	0.0022	20.0 ^a	0.0018	78.2	0.0019	Woodbury 1931
<i>Coluber flagellum piceus</i>	6(6)	0.0134	286.70 ^{a,g}	0.0254	1120.8	0.0277	UAZ 54524; UAZ 55715; MVZ 204223; Gates 1957; Klauber, L.M., unpubl. field notes, 4 April 1927, 24 June 1929
<i>Coluber mentovarius striolatus</i>	1(1)	0.0022	20.00 ^a	0.0018	78.2	0.0019	Dugan and Figueroa 2008*
<i>Rhinoceilus lecontei</i>	2(2)	0.0045	80.0 ^{a,j}	0.0071	312.8	0.0077	CAS 228328; Cunningham 1959

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Pituophis catenifer catenifer</i>	10(10)	0.0224	396.9 ^{a, k}	0.0352	1551.9	0.0384	MVZ 42404; CAS 171966; MVZ 4908; J. Boundy, pers. comm.; CAS (Field no. KDW187); CAS 207161; Lindsdale, J.M., unpubl. field notes, 3 June 1942, 30 Sept. 1945; S. Silva, pers. comm.; A.J. Fengler, pers. comm.
<i>Pituophis catenifer annectens</i>	10(9)	0.0224	318.3 ^{a, k, g}	0.0283	1244.6	0.0308	SDMNH 11702; MVZ 7159; Klauber, L.M., unpubl. field notes 1926, 2 June 1929, 5 Mar. 1929, 26 June 1931, 16 April 1937, 8 June 1941, 22 Feb. 1947
<i>Pituophis catenifer deserticola</i>	4(4)	0.0089	98.6 ^{a, k}	0.0088	385.5	0.0095	SDMNH 27220; UAZ 32923; Fitch 1949; Woodbury 1931
<i>Arizona elegans eburnata</i>	1(1)	0.0022	8.2 ^g	0.0007	32.1	0.0008	MVZ 229464
<i>Arizona elegans noctivaga</i>	1(1)	0.0022	8.2 ^a	0.0007	32.1	0.0008	T.D. McCarthy, pers. comm.
<i>Lampropeltis zonata</i>	1(1)	0.0022	53.0 ^l	0.0047	207.2	0.0051	Staub et. al. 2006
<i>Lampropeltis californiae</i>	2(2)	0.0045	153.7 ^m	0.0136	601.0	0.0149	Hansen 1982; Klauber, L.M., unpubl. field notes, 30 June 1934
<i>Hypsiglena ochrorhyncha nuchalata</i>	1(1)	0.0022	6.5 ⁿ	0.0006	25.4	0.0006	LACM 138155

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Hypsiglena ochrorhyncha klauberi</i>	1(1)	0.0022	6.5 ⁿ	0.0006	25.4	0.0006	SDMNH 49472
<i>Hypsiglena chlorophaea chlorophaea</i>	2(2)	0.0045	13.0 ^{n-g}	0.0012	50.8	0.0013	UAZ 48859; G.L. Bradley, pers. comm.
<i>Hypsiglena chlorophaea deserticola</i>	1(1)	0.0022	6.5 ⁿ	0.0006	25.4	0.0006	Clark 1968
<i>Trimorphodon lyrophanes</i>	1(1)	0.0022	12.0 ^a	0.0011	46.9	0.0012	SDMNH 34291
<i>Diadophis punctatus similis</i>	3(3)	0.0067	18.0 ⁿ	0.0016	70.4	0.0017	SDMNH 23390; SDMNH 37999; SDMNH 38178
<i>Phyllorhynchus decurtatus</i>	1(1)	0.0022	15.3 ^o	0.0014	59.8	0.0015	Jones and Hegna 2005
<i>Phyllorhynchus browni</i>	1(1)	0.0022	15.3 ^o	0.0014	59.8	0.0015	LACM 136920*
<i>Chionactis occipitalis annulata</i>	2(2)	0.0045	16.4 ^p	0.0015	64.1	0.0016	SDMNH 23785; SDMNH 28735
<i>Chionactis occipitalis klauberi</i>	1(1)	0.0022	8.2 ^p	0.0007	32.1	0.0008	UAZ 25068
<i>Chionactis occipitalis occipitalis</i>	2(2)	0.0045	16.4 ^p	0.0015	64.1	0.0016	SDMNH 31932; SDMNH 36387
<i>Chionactis palarostris organica</i>	1(1)	0.0022	8.2 ^p	0.0007	32.1	0.0008	UAZ 48767
<i>Chilomeniscus stramineus</i>	1(1)	0.0022	4.3 ^j	0.0004	16.8	0.0004	Rosen, P.C., unpubl. field notes, 26 Nov. 1995
<i>C. stramineus</i> or <i>C. occipitalis annulata</i>	1(1)	0.0022	8.2 ^p	0.0007	32.1	0.0008	Rosen, P.C., unpubl. field notes, 23 May 1990
<i>Sonora semiannulata semiannulata</i>	5(4)	0.0112	42.5 ^e	0.0038	166.2	0.0041	ASU 13891; S.J. Arnold, pers. comm.; D. Strong, pers. comm.; Clark 1968

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Thamnophis sirtalis fitchi</i>	1(1)	0.0022	193.0 ^q	0.0171	754.6	0.0187	M.F. Benard, pers. comm.
<i>Thamnophis sirtalis infernalis</i>	2(2)	0.0045	40.6 ^{g,r}	0.0036	158.7	0.0039	LACM 2501; E.O. Olson, pers. comm.
<i>Thamnophis sirtalis tetrataenia</i>	2(2)	0.0045	35.0 ^q	0.0031	136.9	0.0034	V. Abley, pers. comm.
<i>Thamnophis elegans elegans</i>	1(1)	0.0022	28.8 ^j	0.0026	112.6	0.0028	E.C. Hansen, pers. comm.
<i>Thamnophis atratus atratus</i>	1(1)	0.0022	32.4 ^r	0.0029	126.7	0.0031	J. Boundy, pers. comm..
<i>T. elegans</i> or <i>T. sirtalis</i>	1(1)	0.0022	32.4 ^r	0.0029	126.7	0.0031	Lindsdale, J.M., unpubl. field notes, 28 Aug. 1938
<i>Thamnophis</i> sp.	1(1)	0.0022	3.6 ^g	0.0003	14.1	0.0003	CAS 190525
Viperidae							
<i>Crotalus oreganus oreganus</i>	9(8)	0.0201	733.9 ^{g,d,q,j,r}	0.0652	2869.5	0.0709	CAS 161393; MVZ 4908; J.A. Alvarez, pers. comm.; T. Fuller, pers. comm.; M. Gillaspie, pers. comm.; H. Johnson, pers. comm.; G.B. Pauly, pers. comm.; Newman and Duncan 1973
<i>Crotalus oreganus helleri</i>	8(6)	0.0179	416.4 ^{j,d,m,r}	0.0370	1628.1	0.0402	SDMNH 49966; M.P. Anguiano, pers. comm.; Klauber, L.M., unpubl. field notes, 24 June 1929, 22 June 1930; D. Strong, pers. comm.

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Crotalus oreganus lutosus</i>	2(2)	0.0045	33.4 ^{a,d,q}	0.0030	130.6	0.0032	MVZ 14295; Woodbury 1931
<i>Crotalus ruber</i>	2(2)	0.0045	64.8 ^r	0.0058	253.4	0.0063	D. Giovanelli, pers. comm.; R. Shepstone, pers. comm.
<i>Crotalus cerastes laterorepens</i>	2(2)	0.0045	107.4 ^{r,s}	0.0095	419.9	0.0104	Klauber, L.M., unpubl. field notes, 25 Sept. 1938; Clark 1968
<i>Crotalus cerastes cercobombus</i>	1(1)	0.0022	5.0 ^s	0.0004	19.6	0.0005	ASU 14220
<i>Crotalus atrox</i>	1(1)	0.0022	32.4 ^r	0.0029	126.7	0.0031	Klauber 1972
<i>Crotalus scutulatus</i>	2(2)	0.0045	363.4 ^{d,q,r}	0.0323	1420.9	0.0351	R. White, pers. comm.; T. Hare, pers. comm.
<i>Crotalus tigris</i>	1(1)	0.0022	32.4 ^r	0.0029	126.7	0.0031	D.W. Lazaroff, pers. comm. (see Lazaroff et. al. 2006)
<i>Crotalus</i> sp.	2(2)	0.0045	96.4 ^{d,r}	0.0086	376.9	0.0093	UAZ 25104*; Gates 1957
Unidentified snake	9(9)	0.0201	333.0 ^{j,r}	0.0296	1302.0	0.0322	LACM 23233; MVZ 620; ASU 15657; ASU 4425; UAZ 31292; Clark 1968
Subtotal	129(123)	0.2886	5099.0	0.4527	19937	0.4928	
Unidentified squamate	6(6)	0.0134	112.1 ^j	0.0100	438.3	0.0108	CAS-SU 1216; MVZ 175125; SBNHM 371; UAZ 25090; UAZ 50649; UAZ 31294
Subtotal	6(6)	0.0134	112.1	0.0100	438.3	0.0108	

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
Squamate Eggs							
n = 1	5(5)	0.0112	5.0 ^t	0.0004	8.0	0.0002	MVZ 13847; MVZ 33771; UAZ 31294; UCSB 9273; LACM 58902
n = 2	1(1)	0.0022	2.0 ^t	0.0002	3.2	0.0001	UAZ 25106*
n = 2 (cf. snake)	2(2)	0.0045	32.0 ^u	0.0028	51.2	0.0013	CAS 170538; UAZ 25104*
n = 3	1(1)	0.0022	3.0 ^t	0.0003	4.8	0.0001	MVZ 6724
n = 4 (cf. lizard)	1(1)	0.0022	4.0 ^t	0.0004	6.4	0.0002	MVZ 39158
n = 5	1(1)	0.0022	5.0 ^t	0.0004	8.0	0.0002	UAZ 56248
n = 6	1(1)	0.0022	6.0 ^t	0.0005	9.6	0.0002	SBNHM 2324
n = 7 (cf. snake)	1(1)	0.0022	56.0 ^u	0.0050	89.6	0.0022	MVZ 57603
n = 8	1(1)	0.0022	8.0 ^t	0.0007	12.8	0.0003	MVZ 74689
n = 8 (cf. lizard)	1(1)	0.0022	8.0 ^t	0.0007	12.8	0.0003	CAS 190526
n = 10	1(1)	0.0022	10.0 ^t	0.0009	16.0	0.0004	LACM 132468
Subtotal	16(16)	0.0358	139.0	0.0123	222.4	0.0055	
MAMMALIA							
Lagomorpha							
Leporidae							
<i>Sylvilagus audobonii</i>							
juvenile, n = 1	1(1)	0.0022	206.0 ^d	0.0183	243.1	0.0060	Rosen, P.C., in press
Rodentia							

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Sciuridae</i>							
<i>Tamias</i> sp.							
young, n = 2	1(1)	0.0022	50.0 ^v	0.0044	59.0	0.0015	Clark 1968
<i>Geomyidae</i>							
<i>Thomomys bottae</i>							
adult, n = 1	5(4)	0.0112	335.0 ^d	0.0297	1427.1	0.0353	SBNHM 1839; UCSB 25306; SDMNH 34210; Van Denburgh 1922
neonate, n = 1	1(1)	0.0022	4.0 ^w	0.0004	17.0	0.0004	LACM 102555
neonates, n = 2	1(1)	0.0022	8.0 ^w	0.0007	34.1	0.0008	UCSB 14819
neonates, n = 4	1(1)	0.0022	16.0 ^w	0.0014	68.2	0.0017	UCSB 25306
<i>Heteromyidae</i>							
<i>Dipodomys heermanni</i>							
neonate, n = 1	1(1)	0.0022	9.8 ^a	0.0009	41.5	0.0010	UCSB 27665
<i>Dipodomys</i> sp.							
adult, n = 1	2(2)	0.0045	120.0 ^d	0.0107	511.2	0.0126	MVZ 34635; SDMNH 13718
neonate, n = 1	1(1)	0.0022	9.8 ^g	0.0009	41.5	0.0010	UAZ 47891
<i>Perognathus</i> sp.							
adult, n = 1	1(1)	0.0022	12.0 ^d	0.0011	51.1	0.0013	MVZ 191325
neonate, n = 1	1(1)	0.0022	2.2 ^x	0.0002	9.4	0.0002	LACM 102555

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Chaetodipus fallax</i>							
adult, n = 1	2(2)	0.0045	24.0 ^d	0.0021	102.2	0.0025	M.P. Anguiano, pers. comm.
<i>Chaetodipus californicus</i>							
neonates, n = 3	1(1)	0.0022	6.6 ^x	0.0006	28.1	0.0007	UCSB 13384
<i>Chaetodipus</i> sp.							
neonates, n = 2	1(1)	0.0022	4.4 ^x	0.0004	18.7	0.0005	SDMNH 49472
neonates, n = 3	1(1)	0.0022	6.6 ^x	0.0006	28.1	0.0007	CAS 190516
Muridae							
<i>Microtus californicus</i>							
adult, n = 1	4(3)	0.0089	120.0 ^d	0.0107	511.2	0.0126	UCSB 27665; UCSB 17638; SBNHM 898
<i>Microtus</i> sp.							
adult, n = 1	5(4)	0.0112	150.0 ^d	0.0133	639.0	0.0158	CAS 58122; CAS 185436; MVZ 191325; CAS-SU 7679
neonate, n = 1	6(6)	0.0134	72.6 ^y	0.0064	309.3	0.0076	CAS 182212; MVZ 3993; LACM 52510; LACM 2505; CAS 203131; CAS 173748
neonates, n = 2	1(1)	0.0022	24.2 ^y	0.0021	103.1	0.0025	MVZ 11434
neonates, n = 5	1(1)	0.0022	60.5 ^y	0.0054	257.7	0.0064	LACM 20377
<i>Mus musculus</i>							

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
adult, n = 1	7(2)	0.0157	119.0 ^z	0.0106	506.9	0.0125	ASU 35060; Tevis, L.P., unpubl. field notes, 18 May 1942
<i>Peromyscus californicus</i>							
adult, n = 1	1(1)	0.0022	16.0 ^d	0.0014	68.2	0.0017	Root, R., unpubl. field notes, 31 May 1939
<i>Peromyscus eremicus</i>							
adult, n = 1	1(1)	0.0022	16.0 ^d	0.0014	68.2	0.0017	ASU 27890
<i>Peromyscus</i> sp.							
adult, n = 1	8(8)	0.0179	128.0 ^d	0.0114	545.3	0.0135	CAS 40396; CAS 62929; LACM 21435; LACM 27763; MVZ 38319; MVZ 211942; SDMNH 37376; MVZ 33771
neonate, n = 1	3(3)	0.0067	6.6 ^x	0.0006	28.1	0.0007	CAS 182212; UCSB 16669; CAS 54213
neonates, n = 2	1(1)	0.0022	4.4 ^x	0.0004	18.7	0.0005	MVZ 66413
<i>Peromyscus californicus</i> ,	24(24)	0.0537	384.0 ^d	0.0341	1635.8	0.0404	Hansen 1982
<i>M. musculus</i> , or <i>Microtus californicus</i>							
<i>Reithrodontomys megalotis</i>							
adult, n = 1	3(3)	0.0067	35.4 ^z	0.0031	150.8	0.0037	M.P. Anguiano, pers. comm.; Fitch 1949

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
Unidentified murid							
neonate, n = 1	1(1)	0.0022	1.1 ^z	0.0001	4.7	0.0001	UCSB 14624
Cricetidae							
<i>Neotoma</i> sp.							
neonate, n = 1	1(1)	0.0022	1.1 ^z	0.0001	4.7	0.0001	UAZ 39490
Unidentified rodent							
adult, n = 1	20(20)	0.0447	460.0 ^{aa,d}	0.0408	1959.6	0.0484	UAZ 50054; ASU 30452; CAS 207089; CAS 62937; LACM 102539; MVZ 5434; MVZ 12272; MVZ 16420; MVZ 21367; MVZ 41227; MVZ 27646; MVZ 149978; SDMNH 15572; UCSB 16729; MVZ 13847; LACM 28715*; D. Strong, pers. comm.; J.L. Kunna, pers. comm.; Klauber, L.M., unpubl. field notes, 1926
neonate, n = 1	1(1)	0.0022	12.1 ^y	0.0011	51.5	0.0013	CAS 190512
neonates, n = 2	3(3)	0.0067	72.6 ^y	0.0064	309.3	0.0076	M.P. Anguiano, pers. comm.; LACM 115816

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
Unidentified mammal	18(18)	0.0403	414.0 ^{aa,d}	0.0368	1763.6	0.0436	CAS 190530; MVZ 13769; MVZ 228378; MVZ 74695; SDMNH 27386; SDMNH 29590; SDMNH 29821; SDMNH 31767; SDMNH 35660; SDMNH 35830; CAS (Field no. KDW 187); UCSB 23079; UNLV 7575; SDMNH 49966; UAZ 25068; UCSB 13207; UAZ 46380; Klauber, L.M., unpubl. field notes, 19 Apr. 1938
Subtotal	130(122)	0.2908	2912	0.2585	11616.2	0.28711	
AVES							
Galliformes							
Odontophoridae							
<i>Callipepla californica</i>							
eggs, n = 4	2(2)	0.0045	72.0 ^{ab}	0.0064	115.2	0.0028	MVZ 15964; Klauber, L.M., unpubl. field notes, 28 Apr. 1927
eggs, n = 7	1(1)	0.0022	63.0 ^{ab}	0.0056	100.8	0.0025	Fitch 1949
eggs, undet. #	3(3)	0.0067	108.0 ^{ab, ac}	0.0096	172.8	0.0043	Fitch 1949; Van Denburgh 1922
Phasianidae							

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Gallus domestica</i>							
“young” n = 1	1(1)	0.0022	29.0 ^{ad}	0.0026	40.0	0.0010	Klauber, L.M., unpubl. field notes, 1926
Columbiformes							
Columbidae							
<i>Zenaida macroura</i>							
eggs, n = 3	1(1)	0.0022	19.5 ^{ae}	0.0017	31.2	0.0008	S. Durst, pers. comm.
eggs, n = 5	1(1)	0.0022	32.5 ^{ae}	0.0029	52.0	0.0013	P.C. Rosen unpubl. field notes, 17 May 1996
fledgling, n = 1	1(1)	0.0022	65.0 ^{ae}	0.0058	89.7	0.0022	B. McJilton and J.Q. Richmond, pers. comm.
Passeriformes							
Tyrannidae							
<i>Empidonax trailii extimus</i>							
nestlings, n = 3	1(1)	0.0022	45.0 ^{af, ac}	0.0040	62.1	0.0015	Smith et al. 2002
Turdidae							
<i>Sialia mexicana</i>							
nestlings, undet. #	1(1)	0.0022	10.0 ^{ag, ac}	0.0009	13.8	0.0003	Eichholz & Koenig 1992
Mimidae							
<i>Toxostoma</i> sp., nestling n = 1	1(1)	0.0022	10.0 ^{ag, ac}	0.0009	13.8	0.0003	UAZ 43981

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
Vireonidae							
<i>Vireo bellii</i>							
eggs, undet. #	1(1)	0.0022	3.0 ^{ah,ac}	0.0003	4.1	0.0001	Pemberton and Carriger 1916
fledglings, n = 2	1(1)	0.0022	20.8 ^{ai,ac}	0.0018	28.7	0.0007	Clark 2009
Parulidae							
<i>Oreothlypis celata</i>							
nestlings, undet. #	2(2)	0.0045	6.0 ^{aj,ac}	0.0005	8.3	0.0002	K. Langin, pers. comm.
Icteridae							
<i>Agelaius tricolor</i>							
nestlings, undet. #	1(1)	0.0022	40.0 ^{ak,ac}	0.0036	55.2	0.0014	Neff 1937
Emberizidae							
<i>Aimophila ruficeps</i>							
nestlings, undet. #	6(6)	0.0134	60.0 ^{al,ac}	0.0053	82.8	0.0020	Morrison and Bolger 2002a
eggs, undet. #	1(1)	0.0022	4.2 ^{al,ac}	0.0004	6.7	0.0002	Morrison and Bolger 2002a
<i>Melospiza crissalis</i>							
nestling, n = 1	3(3)	0.0067	87.0 ^{ad,ac}	0.0077	120.1	0.0030	MVZ 33771; SDMNH 43706; E.L. Walters, pers. comm.
nestlings, n = 4	1(1)	0.0022	116.0 ^{ad,ac}	0.0103	160.1	0.0040	LACM 102497
<i>Pipilo maculatus</i>							
nestlings, n = 4	1(1)	0.0022	116.0 ^{ad,ac}	0.0103	160.1	0.0040	Davis 1960

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
<i>Junco hyemalis</i>							
nestling, n = 1	1(1)	0.0022	14.1 ^{am,ac}	0.0013	19.5	0.0005	Hubbard, D.H., unpubl. field notes, 5 June 1939
<i>Molothrus ater</i>							
nestling, n = 1	1(1)	0.0022	2.3 ^{an}	0.0002	3.2	0.0001	Smith et al. 2002
<i>Chondestes grammacus</i>							
nestlings, n = 4	1(1)	0.0022	51.6 ^{ao}	0.0077	71.2	0.0018	Sibley, C. unpubl. field notes, 11 June 1938
Unidentified emberizid bird							
n = 1	3(3)	0.0067	87.0 ^{ad,ac}	0.0077	120.1	0.0030	SDMNH 31795; SDMNH 38982; SDMNH 39028
Fringillidae							
<i>Serinus canaria</i>							
domestic nestlings, n = 3	1(1)	0.0022	6.9 ^{an,ac}	0.0006	9.5	0.0002	Klauber, L.M., unpubl. field notes, 7 May 1934
Unidentified passeriform							
fledgling, n = 1	2(2)	0.0045	20.8 ^{ai,ac}	0.0018	28.7	0.0007	LACM 27764; MVZ 13847
Unidentified bird							
nestling, n = 1	4(4)	0.0089	116.0 ^{ad,ac}	0.0103	160.1	0.0040	SDMNH 33834; Klauber, L.M., unpubl. field notes, 26 April 1943,

Prey Taxon	Frequency (no. of snakes)	Relative Freq.	Est. Taxon Mass† (g)	Rel. Mass	Energy‡ (kcal)	Rel. Energy	Source
							15 July 1927; UAZ 46623
nestlings, n = 4	1(1)	0.0022	116.0 ^{ad,ac}	0.0103	160.1	0.0040	LACM 2520
egg, n = 1	3(3)	0.0067	6.3 ^{al,ac}	0.0006	10.1	0.0002	CAS 45946; MVZ 16086; MVZ 18538
eggs, n = 3	2(2)	0.0045	12.6 ^{al,ac}	0.0011	20.2	0.0005	SDMNH 35585; SDMNH 43706
eggs, undet. #	1(1)	0.0022	4.2 ^{al,ac}	0.0004	6.7	0.0002	Clark 1968
Subtotal	50(50)	0.1119	1344.8	0.1194	1926.7	0.0476	
	Total	447 (427)	1.0	11263.9	1.0	40459.1	1.0

Estimate sources for taxon mass: ^a based upon preserved museum specimen(s) of similar size; ^b Sullivan et al. 2000; ^c Lowe et al. 1986 ; ^d Fitch 1949; ^e Zweifel and Lowe 1966; ^f M.P. Anguiano, pers. comm.; ^g based upon mass of intact prey; ^h Kamel and Gatten 1983; ⁱ Yacelga and Wiseman 2011; ^j kingsnake mass multiplied by 0.24 (mean relative prey mass from this study); ^k assume mean mass of gopher snakes in sample (27.3 g; n = 8); ^l Staub et. al. 2006; ^m assume mean kingsnake mass of indicated size class based upon data from this study multiplied by 0.24 (mean relative prey mass from this study); ⁿ based upon mean mass of live specimen(s) of appropriate size; ^o Jones and Hegna 2005; ^p Bealor and Krekorian 2002; ^q assume mean kingsnake mass of indicated size class based upon data from this study and estimate of prey size and mass based upon photograph(s); ^r assume mean kingsnake mass (135 g) from this study multiplied by 0.24 (mean relative prey mass from this study); ^s Secor et al. 1992; ^t Fitch 1954; ^u Packard et al. 1984; ^v Hart 1992; ^w Texas Tech University. 1997. The Mammals of Texas—Online Edition. Accessed online at <http://www.nsr.ttu.edu/tmot/>; ^x Egoscue 1964; ^y Hatfield 1935; ^z Verts and Carraway 1998; ^{aa} assume 10 *Peromyscus* adults at 16 g each and 10 *Microtus* adults at 30 g each; ^{ab} Hanna 1924; ^{ac} assume average size clutch(s) or median nestling age (days old); ^{ad} Benedict, L., M. R. Kunzmann, K. Ellison, K.L. Purcell, R.R. Johnson, and L.T. Haight. 2011. California Towhee (*Melospiza crissalis*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology, Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/632>; ^{ae} Holcombe and Jaeger 1978; ^{af} Walkinshaw 1966; ^{ag} Poole, A. (Ed.). 2005. The Birds of North America Online: <http://bna.birds.cornell.edu/BNA/>. Cornell Laboratory of Ornithology, Ithaca, NY.; ^{ah} Budnik et al. 2000; ^{ai} Nolan 1960; ^{aj} Gilbert, W.M., M.K. Sogge, and C. Van Riper III. 2010. Orange-crowned Warbler (*Oreothlypis celata*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/101>; ^{ak} Beedy and Hamilton 1999; ^{al} Collins, P.W. 1999. Rufous-

crowned Sparrow (*Aimophila ruficeps*) In The Birds of North America, no. 472. Poole, A. and F. Gill (Eds.). Birds of North America, Philadelphia, Pennsylvania, USA;^{am} Nolan, Jr., V., E.D. Ketterson, D.A. Cristol, C.M. Rogers, E.D. Clotfelter, R.C. Titus, S.J. Schoech, and E. Snajdr. 2002. Dark-eyed Junco (*Junco hyemalis*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/716>; ^{an} Lowther, P.E. 1993. Brown-headed Cowbird (*Molothrus ater*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/047>; ^{ao} Baepler, D.E. 2013. Lark Sparrow species account. Guide to Birds of North America. Available from. <https://www.birdzilla.com/birds/Lark-Sparrow/description.html> (Accessed 1 February 2013).

APPENDIX B. Specimen catalog numbers of *Lampropeltis californiae* examined for stomach contents (museum abbreviations following Leviton et. al. 1980). Specimens containing prey are highlighted in bold.

California Academy of Sciences (CAS) – 13209, 17542, 27280, **27281**, **27282**, 38751, 38936, 38960, 38961, 39255, 40038, 40116, 40117, 40118, 40119, 40120, 40121, **40396**, 41666, 41668, 41700, 42044, 43119, 43524, **44002**, **44166**, **45946**, 45947, 49221, 49228, 50163, 50164, 50174, **54213**, 54222, 56047, 57557, 58043, 58053, 58056, 58106, 58115, 58120, 58121, **58122**, 58126, 58129, 58133, 58140, 58154, 58155, 58156, 58157, **62929**, 62930, 62931, **62937**, 62950, 62951, 62954, 62958, 62971, 62972, 62988, 62989, 63078, 63776, 64287, 64295, 64346, 64421, 64575, 64593, **64594**, 65500, 65501, 65774, 65775, 71357, 78684, 78694, 78698, 78814, 80726, 80758, **80759**, 80760, **80761**, 80895, 80990, 84151, 90227, 90559, 90830, 114094, 124007, 135276, 136609, 138091, 140757, 142639, 144065, 159478, 160165, 161383, 161385, 161391, 161392, **161393**, 163539, 163549, 165636, 169441, 169442, 169443, 169496, 169504, **170538**, **171966**, 171999, 173197, 173742, **173748**, 175219, 176361, 176586, 176587, 176599, 176603, 178556, 178557, 178558, 178559, 178560, 178561, 178562, 178563, 178564, 178565, 182030, 182031, 182032, 182033, 182034, 182035, 182036, 182037, 182038, 182039, 182040, 182041, 182042, 182043, 182044, 182045, 182046, 182047, 182048, 182049, 182050, 182051, 182052, 182053, 182054, 182055, 182056, 182057, 182058, **182212**, 182213, 182214, 182215, 182216, 182217, 182218, 182219, 182219, 182220, 182221, 182222, 182223, 182224, 182225, 182557, **183519**, 183528, 185389, **185436**, 186495, 190507, 190508, 190509, 190510, 190511, **190512**, **190513**, 190514, 190515, **190516**, **190517**, 190518, 190519, 190520, 190521, 190522, 190523, 190524, **190525**, **190526**, 190527, 190528, 190529, **190530**, 190531, 190532, 190533, **190534**, 190535,

190536, 190540, 190541, 190542, 190543, 190544, 190545, 190546, 190547, 190966, 190970, 190972, 190974, 190975, 191173, 192091, 192092, 192093, 192094, 192095, 192096, 192097, 192098, 192099, 192100, 192101, 192102, **192103**, 192104, 192105, 192106, 192107, 192108, 192109, 192110, **192111**, 192112, 192113, 192114, 192115, 192116, 192117, 192118, 192119, 192120, 192121, 192122, 192289, 193215, 193216, 195021, 195027, 195040, 195043, 195453, 195589, 195590, 195591, 195594, 195930, 195984, 196055, 199475, 200680, 201577, 202708, **203131**, **203132**, 203139, **203143**, 203156, 203209, 203237, 203240, 203467, 203468, 203626, 203647, 204043, 205665, 205789, 205795, 207076, 207079, 207083, 207086, **207089**, **207161**, 207164, 210398, 214262, 214823, 219549, 220773, 223699, 223723, 223737, 223740, 225323, 226087, 226088, 226093, 228326, **228328**, 231494, 234650, 234655, 235493, 235494, 235495, 235607, 235720, 235721, 235722, 241782, 241803, 241807, **243753**, 245163, CAS-SU 1151, CAS-SU 1153, CAS-SU 1154, CAS-SU 1215, **CAS-SU 1216**, CAS-SU 1676, CAS-SU 1678, CAS-SU 1680, CAS-SU 1724, CAS-SU 1777, CAS-SU 1797, CAS-SU 4006, CAS-SU 4007, CAS-SU 4100, CAS-SU 4162, CAS-SU 4173, CAS-SU 4174, CAS-SU 4175, CAS-SU 4254, CAS-SU 4282, CAS-SU 4283, CAS-SU 4284, CAS-SU 4285, CAS-SU 4286, CAS-SU 4287, CAS-SU 4288, CAS-SU 4289, CAS-SU 4290, CAS-SU 4378, CAS-SU 5196, CAS-SU 6437, CAS-SU 6467, CAS-SU 7217, CAS-SU 7678, **CAS-SU 7679**, CAS-SU 7680, CAS-SU 7681, CAS-SU 7744, CAS-SU 8040, CAS-SU 8041, CAS-SU 8042, CAS-SU 8049, CAS-SU 8174, CAS-SU 8396, CAS-SU 9215, CAS-SU 9713, CAS-SU 10306, CAS-SU 10628, CAS-SU 10629, CAS-SU 10631, CAS-SU 10632, CAS-SU 10634, CAS-SU 10635, CAS-SU 10636, CAS-SU 10809, CAS-SU 11322, CAS-SU 11541, CAS-SU 11898, **CAS-SU 11899**, CAS-SU 11900, CAS-SU 12703, CAS-SU 12717, CAS-SU 13059, CAS-SU 13060, CAS-SU 17661, CAS-SU 17662, CAS-SU 17664, CAS-SU 17665, CAS-SU 17666, CAS-SU 18285, CAS-SU

18286, CAS-SU 19599, CAS-SU 19634, CAS-SU 19783, CAS-SU 19923, CAS-SU 19924, CAS-SU 19925, CAS-SU 20758, CAS-SU 20988, CAS-SU 20989, CAS-SU 20990, CAS-SU 20991, CAS-SU 20992, CAS-SU 22165, CAS-SU 22166, CAS-SU 22167, CAS-SU 22168, CAS-SU 22169, CAS-SU 22921, CAS-SU 22922, CAS-SU 22923, CAS-SU 22924, CAS-SU 22925, CAS-SU 23227, **Field No. KDW 187.**

University of California at Berkeley, Museum of Vertebrate Zoology (MVZ) – 97, 143, 221, 371, 392, 507, 594, **620**, 690, 850, 1038, 1140, 1836, 1837, 1838, 2752, 2752, 3546, 3990, 3991, 3992, **3993**, 3994, 4810, **4908**, 4912, 5278, 5279, 5280, 5281, **5434**, 5543, 5890, 5891, 5892, 6686, 6687, **6724**, 6731, 6732, 7116, 7117, **7159**, 7413, 7414, 8176, 8192, 9630, 9631, 9928, 10743, 10761, 10762, **11434**, 11845, 11846, 11847, 11848, 11849, 11926, **12272**, 12545, 13087, 13088, 13089, **13769**, **13847**, 13973, 13997, **14295**, 14296, 14589, **15964**, **16086**, 16087, 16333, 16419, **16420**, 16596, 16606, 17269, 17270, 17271, 17601, **18186**, 18226, **18538**, 18966, 20408, 20437, 20439, 20561, 21210, 21366, **21367**, 21890, **21891**, 26008, 26171, 26657, 27021, 27022, **27646**, 28201, 28749, 32008, 32009, 32103, 32880, **32881**, 32882, 32883, 33707, 33770, **33771**, **34635**, **34932**, 34933, 35025, 36139, 36140, 37735, 38152, **38319**, 38413, 38591, 38950, 38980, 39091, **39158**, 39159, **39346**, 39347, 39426, 39615, 40721, 41148, **41227**, 42091, 42092, **42404**, 43029, 43030, 43031, 43032, 43649, 43650, 44618, 44649, 44746, 44747, 45396, 49932, 50388, 50814, 51127, 52336, 54225, 55528, 55777, 56495, 56497, **57603**, 58138, 58139, 58140, 59294, 59770, 59982, 59983, 60623, 61151, 63659, 63660, 64483, 64873, 64874, 65796, 66384, 66385, **66413**, 66414, 66421, 66736, 66877, 66882, 67221, 68312, 70271, 70272, 70448, 70546, 71693, 74278, 74468, 74687, 74688, **74689**, 74690, 74691, 74692, 74693, 74694, **74695**, 75875, 75976, 75977, 76329, 76658, 76763, 76764, 78017, 78018, 78019, 78020, 78021, 78022, 78023, 78024,

79245, 79280, 79281, 80008, 80766, 82629, 83633, 83634, 83635, 83636, 83637, 85071, 85072, 85221, 85484, 85485, 94605, **97114**, 97115, 97116, 97813, 100278, 104213, 104331, 105104, 105815, 128489, 128953, **129337**, 129962, 136440, 136441, 136442, 136443, 136444, 136445, 136446, 136447, 136448, 136449, 136450, 136451, 136452, 136453, 136454, 136455, 136456, 136457, 136458, 136459, 136460, 136461, 137588, 137589, 137590, 147948, 149656, **149978**, 149979, 150188, 158971, 164938, 164939, 164940, 164941, 170806, 170807, 171748, 171751, 171752, 171753, 173010, 173011, 173697, **175125**, 175421, 175825, 176053, 176083, 176084, 176085, 176704, 176826, 179818, 179819, 179820, 179821, 179822, 179843, 179867, 179868, 179883, 179929, 179948, 179949, 179950, 179976, 180216, 180250, 180257, 180291, 182173, 182281, 187612, 187744, 187745, 190018, 190025, 190026, 190084, 190088, 190594, 191322, **191325**, **191327**, 191339, 191345, 191347, 191348, 191357, 191359, 191361, 191429, 191471, 191620, 193341, 193342, **193343**, 193344, 193345, 193346, 200762, 200763, 200764, 200765, 200766, 200767, 200768, 200769, 200770, 200771, 200772, 200773, 201399, **204223**, 204224, 204225, 204257, 204258, 204259, 206195, 206200, 206947, 206974, 207600, 207601, 207602, **207603**, 207921, 207922, 207923, 208225, 209088, 209090, 209136, 209452, **211942**, 211951, 214931, 215627, 215628, 215630, 215631, 215632, 215633, **215931**, 226094, 228358, 228359, 228360, 228361, 228362, 228363, 228364, 228365, 228366, 228367, 228368, 228369, 228370, 228371, 228372, 228373, 228374, 228375, 228376, 228377, **228378**, 228379, 228380, 228381, 228382, 228383, 228384, 229144, **229464**, 229465, 229708, 229709, 229710, **229869**, 229870, 230072, 230540.

Los Angeles County Museum of Natural History (LACM) –2484, 2485, 2486, 2487, 2488, 2489, **2490**, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, **2501**, 2502, 2503,

2504, **2505**, 2506, 2507, **2508**, 2509, 2510, 2511, 2512, 2513, **2514**, 2515, 2516, 2517, 2518,
2519, **2520**, 2521, 2522, 8590, 9134, 20350, 20351, 20352, 20353, 20358, 20359, 20360, 20361,
20362, 20363, 20364, 20365, 20366, 20367, 20368, 20369, 20370, 20371, 20372, 20373, 20374,
20375, 20376, **20377**, 20378, 20379, 20380, 20381, 20382, 20383, 20384, 20385, 20386, 20387,
20388, 21419, 21420, 21421, 21422, 21423, 21424, 21425, 21426, 21427, 21428, 21429, 21430,
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Santa Barbara Natural History Museum (SBNHM) – 10, 11, 134, 153, 194, 228, 229, 278,
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San Diego Museum of Natural History (SDSNH) – 35, 118, 119, 120, 191, **262**, 430, 642,
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University of Nevada at Las Vegas, Barrick Museum of Natural History (UNLV) – 6756, 7341, 7342, 7462, 7485, 7486, 7563, 7575, 7590.

Arizona State University (ASU) – 231, 235, 253, 259, 283, 308, 315, 345, 398, 453, 607, 899, 961, 1028, 1103, 1128, 1376, 1385, 1428, 1554, 1584, 1797, 1863, 1886, 1894, 2044, 2152, 2328, 2707, 2906, 3012, 3224, 3394, 3619, 3620, 3621, 3622, 3910, 4094, 4313, **4425**, 6287, 8849, 9170, 10515, 11229, 11230, 11231, 11302, 13572, **13891**, 14095, 14096, 14097, 14209, 14210, 14211, 14212, 14213, 14214, 14215, 14216, 14217, 14218, 14219, **14220**, 14221, 14222, 14223, 14224, 14324, 14370, 14371, 14372, 15392, 15393, 15462, 15523, 15524, 15525, 15526, 15527, 15528, 15529, 15530, 15531, 15532, 15533, **15657**, 15948, 21273, 22187, 22413, 22581, 22793, 22813, 22815, 23259, 24043, 24044, 24045, 24046, 24047, 24048, 24313, **27890**, 28019, 28399, 28414, 28612, 29487, 30096, 30127, 30135, 30147, 30182, 30222, 30226, 30227, 30230, 30239, **30452**, 31314, 31318, 31320, 31325, 31340, 31341, 31355, 31356, 31357, 31360, 31369, 31370, 31372, 31375, 31378, 31384, 31408, 33211, 33217, 34707, 34750, 34757, **35060**, 35350.

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