

**TABLE 1. Historical *Arctomecon californica* sites extirpated or not assessed, all in Clark County, Nevada.**

site	NV EO	MAP	Source, Year*	Site name; map quadrangle Legal description	Est. Acres	Elevation Range (ft)	Est. Plants	Threats ***	Management**
<b>SITES WHERE PRESENT STATUS UNKNOWN</b>									
6	006	9	rn 1891	Lamb State Park; Tule Springs Park quad T18/19S R60E S34/3?		2465		dx	?
16	016		n 1917	Muddy Range; Muddy Peak quad T18S R66E S31?		2755			?
27	027		n 1939	Las Vegas vicinity, vague locations near, west, and northwest of Las Vegas.				dx	?
<b>SITE KNOWN OR SUSPECTED TO BE ERRONEOUS REPORT</b>									
40	040		n 1906	Searchlight T28S R63E S34		3480		dx?	b?p?
4	4		===	<b>TOTAL SITES NOT ASSESSED</b>	===	2465-3480			b?p?
<b>SITES KNOWN OR ASSUMED EXTIRPATED</b>									
5	005	2	nr 1969	Commerce & Cheyenne; Las Vegas NW T20S R61E S10 SE of SE of SW		2020		d	p
9	009	10	n 1938	St. Louis & Eastern; Las Vegas NE T21S R61E S2		1890		d	p
13	013	16	n 1941	St. Thomas south; Overton Beach T17S R68E S36		1060		w	n
22	022	4	nr 1934	Telephone relay station; Las Vegas SW T21S R61E S32?		2190		dhv	p
30	030	2	nr 1989	Simmons & Alexander; Las Vegas NW T20S R61E S5 NW of SE of SW		2175		d	p
38	038	2	nr 1990	Highland & Alexander; Las Vegas NW T20S R61E S9 E of NW	> 3	2110		d	p
41	041	10	nr 1972	Las Vegas Wash; Las Vegas NE T20S R62E S30		1800		d	p
43	043	25	n 1962	Maryland & Russell; Las Vegas SW T21S R61E S26/27		2060		d	p
44	044	25	n 1968	Thomas & Mack Arena; Las Vegas SW T21S R61E S22		2000-2040		d	n
45	045	25	n 1978	Brussels & Tropicana; Las Vegas SW T21S R61E S22/27		2030		d	p
46	046	2	nr 1980	Craig & Clayton; Las Vegas NW T20S R61E S5 E		2130		d	p
57	057	26	nr 1970	Nellis & Salt Lake; Las Vegas NE T20S R62E S4?		1860		d	p?
95	108	26	n 1978	Cheyenne & Lamb; Las Vegas NE T20S R62E S7 SE of SE of SE		1840		d	p
13	13		===	<b>TOTAL EXTIRPATED SITES</b>	===	> 3	1060-2190	dhvw	np

NV EO = Element Occurrence number in the Nevada Natural Heritage Program database. MAP = Map in Appendix 3.

\* **Year:** year most recently documented. **Source:** **a:** Dr. Arthur Phillips III; **b:** Bureau of Land Management surveys (1993-1994); **n:** Nevada Natural Heritage Program files, Carson City; **p:** National Park Service files, Boulder City, NV; **r:** Rancho Santa Ana Botanic Garden surveys (1994).

\*\* **Land Management:** **b:** Bureau of Land Management, Las Vegas District; **d:** DOD/Nellis Air Force Base; **g:** Grand Canyon National Park; **h:** Hualapai Indian Reservation; **m:** Lake Mead National Recreation Area (Park Service); **n:** State of Nevada; **p:** private/municipal/county.

\*\*\* **Threats:** **d:** urban and other private development; **g:** animal grazing / trampling; **h:** highway and road maintenance; **m:** mineral exploration and development; **r:** recreational use; **t:** trash dumping; **u:** utility corridor; **v:** off-road vehicle use; **w:** water development / impoundment; **X:** extirpation imminent; **x:** extirpation likely in foreseeable future; **\***: significant near-term impacts present or anticipated.

TABLE 2. Arizona and historical Nevada *Arctomecon californica* sites known extant.

site	NV EO	MAP fig.	Source, Year*	Site name; map quadrangle Legal description	Est. Acres	Elevation Range (ft)	Est. Plants	Threats ***	Management**
<b>NEW AND HISTORICAL ARIZONA SITES, ALL IN MOHAVE COUNTY</b>									
AZ1		42 F19	pr 1994	Big Gypsum Ledges; Bonelli Bay, The Temple T30/31N R20W	<12800	1221-1670	>250000	rw*	m
AZ2		43	a 1994	Vulture Canyon; Columbine Falls T31N R15W S5		2200	> 500		g
AZ3		44	a 1994	Ash Seep Canyon; Columbine Falls T31N R15W S16		2000-2200	> 50		h
AZ4		44	a 1994	Evans Heaven; Columbine Falls T31N R15W S27		2000	> 25		h
AZ5		43	a 1986	Cave Canyon; Columbine Falls T31N R15W S9?		2300	> 25		g
AZ6		45	p 1994	Petroglyph Wash; Petroglyph Wash quad T31N R21W	< 2500	1221-2000		hrvw*	m
AZ7		45	p 1994	Temple Bar Road south; Bonelli Bay and Senator Mtn. NW, T30N R20W	< 3000	1500-1700?		hruv	m
AZ8		46	p 1994	Meadview NW; Meadview North quad T31N R17W S34?	< 120	1740-1970			m
8				=== TOTAL ARIZONA SITES ===	<18420	1221-2300	>250600	hruvw	ghm
<b>HISTORICAL NEVADA SITES REDISCOVERED OR RECENTLY KNOWN EXTANT</b>									
1	001	1	b 1993	Gypsum Spring south; Frenchman Mtn. T20S R63E S26 S	112	1560-1781	3000	rtv*	b
2	002 020 025	1	b 1993	PABCO Mine road; Frenchman Mtn. T20S R63E S12-16,22,23	1367	1680-2120	50000	*hmrtuv	bn
3	003	2 f24	r 1994	Revere & Alexander; Las Vegas NW T20S R61E S4/9 SE/E	83	2080-2120	430	dX	p
4	004	6	n 1987	Blue Point Spring; Echo Bay T18S R67E S13?		1460		hr	m
7	007	4 f18	r 1994	Arville & Diablo; Las Vegas SW T21S R61E S30 C of N of S	5	2240	110	dXtv	p
8	008	5 f13	r 1994	Alta & Shetland; Las Vegas NW T20S R61E S32 SW of NE	0.25	2090	5	dXtv	p
10	010 047 058	3	b 1994	Apex Interchange SW; Apex quad T19S R63E S8/17	80	2280-2350	200	d*htv	bn
11	011	7 f11 f15	r 1994	Captain Clark Memorial; Valley of Fire East T17S R67E S26	5	1680	47	r	n
14	014 042 047 048 024	8 f28	r 1994	Overton Beach; Valley of Fire East, Echo Bay T17/18S R68E	<12000	1221-1970	>200000	ghrw*	mn
15	015	11	b 1993	Sunrise Pass; Frenchman Mtn. T20S R63E S17-20	80	2320-2600	2000	*hmrtv	bn
19	019	12 13 f27	br 1994	Bitter Spring NE; Bitter Spring, Echo Bay T19S R67E S9/10/16	260	1510-1670	15000	gmrv	bm
23	023	14 f16	r 1994	Smoke Ranch & Jones; Las Vegas NW T20S R60E S14 SE of SE	0.25	2265	2	dX	p

site	NV EO	MAP fig.	Source, Year*	Site name; map quadrangle Legal description	Est. Acres	Elevation Range (ft)	Est. Plants	Threats ***	Manage- ment**
24	024 025	15	b 1993	American Borax Mine; Bitter Spring T18S R66E S35	2	2250-2345	50	ghmrtv	b
26	026	2 f25 f26	r 1994	North Las Vegas Airport; Las Vegas NW T20S R61E S7/8/17/18	100	2150-2200	6775	dxhtvw	p
28	028	2 f21	r 1994	Logan & Simmons; Las Vegas NW T20S R61E S8	30	2190-2200	1750	dX	p
29	029	17 f22	bnr 1994	Norte Leone & Ann; Gass Peak SW T19S R61E S33/34	110	2070-2120	4800	dxtv	p
31	031 047	5 f20	nr 1995	Water Authority yard; Las Vegas NW T20S R61E S31	5	2130-2140	225	*uw	p
32	032	18	r 1994	North Las Vegas; Gass Peak SW T19S R61E S8 NW of SE	7	2280	7	drtv*	p?b?
33	033	18 f23	r 1994	North Las Vegas; Gass Peak SW T19S R61E S7 NW of NE	5	2300-2320	40	dtv*	p
34	034	31	n 1990	PABCO Mine pipeline; Frenchman Mtn. T20S R63E S1 SE		1920	< 100	hmu	p
35	035	19	bn 1995	Gold Butte; Whitney Pocket T16S R70E S29/31/32	183	2330-2460	15000	gmrv	b
37	037	31	n 1990	PABCO Gypsum Mine; Frenchman Mtn. T20S R63/64E S13/7	30	1800	< 500	m*v	p
39	039	17 f14	br 1994	Centennial & 5th; Gass Peak SW T19S R61E S22/27	18	2050-2080	100	dxhtuv	p
42	042 095 096	20	b 1993	Gold Butte Wash; Gold Butte T18S R69E S24/25/36	104	2950-3150	5000	ghmrv	b
48	048 097	3	b 1994	Apex Interchange N; Apex T19S R63E S8,9	49	2400-2480	7500	dhtuv	bp?
51	051 048	3	b 1994	Apex Interchange E; Apex T19S R63E S3/4/9/10	63	2400-2520	10000	dhtuv	bn
52	052 036 049 050	21 f30	nr 1995	Lamb Interchange; Valley, Las Vegas NE T19S R62E S28-33	563	1880-1980	50000	*dhtuv	dnp
53	053	4 f11 f12	r 1994	Dewey & Valley View; Las Vegas SW T21S R61E S30 SE of SE	2	2220	125	dX	p
54	054	22	b 1993	Lovell Wash; Callville Bay T20S R65E S10/11/14/15	322	1970-2490	10000	m*rtv	bp
55	055	24	n 1992	Razorback Ridge, Boulder Canyon T20S R66E S19?	2	2230	< 100	rv	m
56	056 098	23	b 1993	Red Bluff Spring SE; Overton Beach, Devils Throat, T17S R69E S14/23-25	558	1640-2230	30000	ghmrtv	b
30	35			== TOTAL NV HISTORICAL SITES EXTANT ==	<16097	1221-3150	405366	(all)	bdmnp
78	91			=== TOTAL NV SITES EXTANT ===	20846	1221-3150	581261	(all)	bdmnp
86				== TOTAL GLOBAL SITES EXTANT ==	<39266	1221-3150	>831861	(all)	(all)

NV EO = Current Element Occurrence number in the Nevada Natural Heritage Program database. Old ~~struck-out~~ numbers combined and re-used elsewhere. MAP/fig.: XX = map in Appendix 3, fXX = figure in Appendix 2.

\* Year, \*\* Land Management, \*\*\* Threats: see Table 1.

**TABLE 3. New Nevada *Arctomecon californica* sites documented during the report period, all in Clark County.**

site	NV EO	MAP fig.	Source, Year*	Site name; map quadrangle Legal description	Est. Acres	Elevation Range (ft)	Est. Plants	Threats ***	Management**
12	107	4	r 1994	Ali Baba & Valley View; Las Vegas SW T21S R61E S30 NE of SE of NE	1	2200	750	dX	p
17	017 059 106	35	p 1992	Pinto Ridge east; Boulder Canyon T19/20S R67E S31/6	7	2080-2214	900	r	m
18	105	22	p 1991	West End Wash SE; Callville Bay T20S R65E S21 SE	4	1800-1970	250	rv	m
20	020	17	n 1993	Clayton & Ann south; Gass Peak SW T19S R61E S32/33	15	2100-2140	> 500	dxtv	p
21	104	41	p 1992	Bowl of Fire SW; Callville Bay T20S R65E S13 N	43	1820-2170	500	rv	m
25	103	22	p 1991	West End & Borax washes; Callville Bay T20S R65E S21 NW	20	1770-1970	50	rv	m
36	036	21	n 1993	Valley NE; Valley quad T19S R62E S20 SE of SE		2030	< 100	htuv	bp?
47	093	18	n 1993	Grand Teton & Norte Leone; Gass Peak SW T19S R61E S15 N of NW	10	2180-2200	20	*dhuv	b
48	048 097	3	b 1994	Apex Interchange NW; Apex T19S R63E S8,9	49	2400-2480	7500	dhtuv	bp?
49	102	40	p ?	Lava Butte NE; Frenchman Mtn. T20S R63E S35 SW of NE	3	1560-1570	50	*	m
50	101	40	p ?	Lava Butte NE; Frenchman Mtn. T20S R63E S35 SW of NW	4	1560-1600	50	*	m
58	058	25	n 1995	Spencer & Russell; Las Vegas SW T21S R61E S35	< 1	2025-2030	< 20	dX	p
59	100	39	p ?	Borax Wash west; Government Wash T20S R65E S17-20	27	2080-2400	500		bm
60	060	14	bn 1995	Jones & Lake Mead; Las Vegas NW T20S R60E S23 NE of SE	7.5	2275-2285	87	dxt	p
61	061	1	b 1993	Gypsum Spring SW; Frenchman Mtn. T20S R63E S22/27	59	1720-1760	618	h*mrtv	b
62	062	27 28 29	b 1993	Hollywood & Vegas Valley SE; Las Vegas NE, Las Vegas SE, Henderson, Frenchman Mtn. T21S R62/63E	1946	1600-2000	30000	*hmrtv	b
63	063	11 29	b 1993	Rainbow Gardens NW; Frenchman Mtn. T20S R63E S29/31/32	171	1960-2000	5000	h*mrtv	b
64	064 049	11 29	b 1993	Rainbow Gardens N; Frenchman Mtn. T20S R63E S33 W	109	1740-1960	20000	mrtv	b
65	065	1 11	b 1993	Rainbow Gardens N; Frenchman Mtn. T20S R63E S28 S	33	1770-1880	300	mrtv	b
66	066	28	b 1993	White Eagle Mine SW; Henderson T21S R63E S17 N of SW	38	1800-1960	5000	*hmrtv	b
67	067	29	b 1993	Rainbow Gardens; Frenchman Mtn. T21S R63E S4 W	85	1920-2040	18000	h*mrtv	b
68	068	29	b 1993	Rainbow Gardens W; Frenchman Mtn. T20/21S R63E S31/5/6	53	2120-2200	1000	mrtv	b
69	069 050	29	b 1993	White Eagle Mine NE; Frenchman Mtn. T21S R63E S8/9/17	105	2000-2080	30000	h*mrtv	b?n?
70	070 012 021	3	b 1994	Las Vegas Dunes; Apex T19S R63E S9/10/15/16	34	2160-2400	1000	rv*	b

site	NV EO	MAP fig.	Source, Year*	Site name; map quadrangle Legal description	Est. Acres	Elevation Range (ft)	Est. Plants	Threats ***	Manage- ment**
71	071	30	b 1994	Las Vegas Dunes; Apex T19S R63E S21/22/28	29	2160-2240	1000	rv	b
72	072	30	b 1994	Las Vegas Dunes; Apex T19S R63E S27 S of SE	3	2120-2160	few	ruv	b
73	073	30	b 1994	PABCO Gypsum Mine NW; Apex T19S R63E S35 W of SE	17	2040-2080	few	ruv	b
74	074	31	b 1993	PABCO Mine N; Government Wash T19/20S R64E S31/6	19	2030-2080	5000	mrtv*	b
75	075	31	b 1993	PABCO Mine E; Government Wash T20S R64E S8/9/16/17	51	1750-1800	few	mrtv*	b
76	076	22	b 1993	Gale Hills; Callville Bay T20S R65E S8/9	3	2100-2165	few	rv	b
77	077	22	b 1993	West End Wash north; Callville Bay T20S R65E S8 E of SE	17	2035-2230	few	hrtv	b
78	078	22	bp 1993	Borax Wash; Callville Bay T20S R65E S16/21	27	1900-2030	1000	hrtv	bm
79	079	32	b 1993	West Longwell Ridge; Bitter Spring T18S R67E S19 S	10	2230-2330		g	b
80	080	32	b 1993	East longwell Ridge; Bitter Spring T18S R67E S32 N of NW	5	2230-2300		g	b
81	081	32	b 1993	East Longwell Ridge; Bitter Spring T18S R67E S32 C of W of W	4	2200-2300		g	b
82	082 018	12	b 1993	Bitter Spring NW; Bitter Spring T19S R67E S8/17	75	1800-2065	5000	grv	b
83	083	12	b 1993	Echo Hills NW; Bitter Spring T19S R67E S17-20/29-30	387	1740-2000	10000	ghrtv	bm
84	084	12	b 1993	Echo Hills W; Bitter Spring T19S R67E S19/30	116	1890-2065	5000	g	b
85	085	23	b 1993	Bitter Ridge; Devils Throat T17S R69/70E S1,11-13/7,18	774	1700-2230	few	gm	b
86	086	23	b 1993	Mud Wash; Devils Throat T17S R70E S19 SW of NE	3	1850-1900	few	gmrsv	b
87	087	33	b 1993	Lime Ridge E; Devils Throat T17S R69E S36	43	2230-2430	1000	gmrsv	b
88	088	33	b 1993	Lime Ridge E; Devils Throat T17/18S R69E S36/1,12	140	2230-2530	20000	ghmrtv	b
89	089	17	n 1993	Washburn & Commerce; Gass Peak SW T19S R61E S34 C of S of N	13	2050-2060	200	dxtv	p
90	090	34	b 1994	Lime Canyon; Lime Wash T18S R69E S34 SE of SE	2	2920	few	mr	b
91	091	35 f17 f31	r 1994	Pinto Ridge NE; Boulder Canyon T19S R67E S31 NW	37	2100-2300	2000	h*r	m
92	092	36	n 1993	Decatur & Centennial; Gass Peak SW T19S R60/61E S25/30	20	2280-2295	200	dxtv	p
93	099	37	p 1992	Government Wash mouth; Government WashT21S R64E S9 S od SE	10	1240-1280	300	rv	m
94	094	38 f29	r 1994	Simplot Mine SE; Valley of Fire East T17S R67/68E S12/7,18	128	1530-1640	3000	*hrtv	bm
48	56	===	===	<b>TOTAL NEW NV SITES DOCUMENTED</b> ===	<b>4749</b>	<b>1240-2920</b>	<b>175895</b>	<b>(all)</b>	<b>bmnp</b>

NV EO = Element Occurrence number in the Nevada Natural Heritage Program database. MAP/fig.: XX = map in Appendix 3, fXX = figure in Appendix 2. \* Year, \*\* Land Management, \*\*\* Threats: see Table 1.

**TABLE 4. Plant species observed at *Arctomecon californica* sites.**

The following list includes all plant species reported to occur with *Arctomecon californica*. It was compiled from Nevada Natural Heritage Program records, Rancho Santa Ana Botanic Garden field research (1994), and field records supplied by Arthur Phillips. Nomenclature is from Hickman (1993) and Kartesz (1987). \* indicates most frequent or characteristic associates of habitat, (A) indicates associates at Grand Canyon sites only.

**SHRUBS**

*Acacia greggii* A. Gray  
*Acamptopappus shockleyi* A. Gray  
*Acamptopappus sphaerocephalus* (A. Gray) A. Gray  
*Ambrosia dumosa* (A. Gray) W. W. Payne  
*Amphipappus fremontii* Torrey & A. Gray  
*Atriplex confertifolia* (Torrey & Frémont) S. Watson  
*Atriplex hymenelytra* (Torrey) S. Watson  
(A) *Bernardia incana* C. V. Morton  
*Coleogyne ramosissima* Torrey  
*Encelia farinosa* Torrey & A. Gray  
*Ephedra nevadensis* S. Watson  
\**Ephedra torreyana* S. Watson  
\**Eriogonum corymbosum* Benth. var. *aureum* (M. E. Jones) Reveal  
*Eriogonum plumatella* Durand & Hilgard  
(A) *Fouquieria splendens* Engelm.  
*Grayia spinosa* (Hooker) Moquin  
*Gutierrezia microcephala* (DC.) A. Gray  
*Isocoma acradenia* (E. Greene) E. Greene  
*Krameria parvifolia* Benth.  
*Krascheninnikovia lanata* (Pursh) A. D. J. Meeuse & Smit  
*Larrea tridentata* (DC.) Coville  
*Lepidium fremontii* S. Watson  
*Lycium fremontii* A. Gray  
*Menodora spinescens* A. Gray  
(A) *Mortonia utahensis* (Trelease) A. Nelson  
\**Petalonyx parryi* A. Gray  
*Peucephyllum schottii* A. Gray  
*Phoradendron californicum* Nuttall  
(A) *Porophyllum gracile* Benth.  
*Psoralea fremontii* (A. Gray) Barneby  
*Stephanomeria pauciflora* (Nuttall) Nelson  
*Suaeda moquinii* (Torrey) E. Greene  
*Thamnosma montana* Torrey & Frémont

**SUCCULENTS**

(A) *Agave utahensis* (Engelm.) Gentry  
(A) *Echinocactus polycephalus* Engelm. & J. Bigelow  
(A) *Echinomastus johnsonii* (Parry ex Engelm.) Baxter  
*Opuntia basilaris* Engelm. & J. Bigelow var. *basilaris*  
(A) *Yucca whipplei* Torrey

**GRASSES**

*Achnatherum hymenoides* (Roemer & Schultes) Barkworth  
(A) *Aristida* sp.  
*Bromus madritensis* L. ssp. *rubens* (L.) Husnot  
*Bromus tectorum* L.  
*Erioneuron pulchellum* (Kunth) Tateoka  
*Pleuraphis rigida* Thurber

**OTHER PERENNIALS**

(A) *Allionia incarnata* L.  
(A) *Amsonia tomentosa* Torrey & Frémont var. *tomentosa*  
\**Anulocaulis leiosolenus* (Torrey) Standley  
*Arctomecon merriamii* Coville  
*Astragalus* cf. *amphioxys* A. Gray  
*Astragalus preussii* A. Gray  
*Baileya multiradiata* A. Gray  
*Chamaesyce* cf. *fendleri* (Torrey & A. Gray) Small  
*Chamaesyce polycarpa* (Benth.) Millspaugh  
*Dyssodia pentachaeta* (DC.) B. L. Robinson  
\**Enceliopsis argophylla* (D. C. Eaton) A. Nelson  
*Eriogonum inflatum* Torrey & Frémont  
*Gaura* sp.  
\**Mentzelia pterosperma* Eastwood  
*Sphaeralcea ambigua* A. Gray  
(A) *Sphaeralcea grossularifolia* (Hooker & Arnott) Rydberg  
*Stanleya pinnata* (Pursh) Britton  
\**Tiquilia latior* (I. M. Johnston) A. Richards  
*Xylorhiza tortifolia* (Torrey & A. Gray) E. Greene

**OTHER ANNUALS & BIENNIALS**

(A) *Atrichoseris playtphylla* A. Gray  
*Camissonia multijuga* (S. Watson) Raven  
(A) *Chaenactis fremontii* A. Gray  
*Chorizanthe brevicornu* Torrey  
*Chorizanthe rigida* (Torrey) Torrey & A. Gray  
*Eriogonum* cf. *deflexum* Torrey  
\**Eriogonum insigne* S. Watson  
*Eriogonum trichopes* Torrey  
(A) *Eschscholzia glyptosperma* E. Greene  
*Pectis papposa* Harvey & A. Gray  
\**Phacelia palmeri* Torrey ex S. Watson  
\**Phacelia pulchella* A. Gray  
*Plantago ovata* Forsskal  
*Psathyrotes pilifera* A. Gray  
*Psathyrotes ramosissima* (Torrey) A. Gray  
*Salsola tragus* L.

**TABLE 5. Other endangered, threatened, and sensitive plant and animal species reported from the geographic range of *Arctomecon californica* in Nevada.**

NAME		STATUS		
Scientific	Vernacular	Federal	Nevada	NNNPS
<b>ANIMALS</b>				
<i>Euderma maculatum</i>	spotted bat	candidate-2	protected	—
<i>Eumops perotis californicus</i>	greater western mastiff bat	candidate-2	protected	—
<i>Falco peregrinus</i>	Peregrine Falcon	endangered	protected	—
<i>Gopherus agassizii</i>	desert tortoise	threatened	protected	—
<i>Heloderma suspectum cinctum</i>	banded Gila monster	candidate-2	protected	—
<i>Macrotus californicus</i>	California leaf-nosed bat	candidate-2	protected	—
<i>Myotis thysanodes</i>	fringed myotis	candidate-2	protected	—
<i>Rana fisheri</i>	Las Vegas leopard frog	extinct	extinct	—
<i>Rana onca</i>	relict leopard frog	†	†	—
<i>Rhinichthys deaconi</i>	Las Vegas dace	extinct	extinct	—
<i>Sauromalus obesus</i>	chuckwalla	candidate-2	protected	—
<b>PLANTS</b>				
<i>Arctomecon merriamii</i>	white bearpoppy	candidate-2	—	W
* <i>Astragalus geyeri triquetrus</i>	threecorner milkvetch	candidate-2	protected	T
<i>Calochortus striatus</i>	alkali mariposa lily	candidate-2	—	W
<i>Cirsium virginense</i>	Virgin River thistle	candidate-2	—	—
* <i>Cryptantha insolita</i>	unusual catseye	candidate-2	protected	PE
<i>Enceliopsis argophylla</i>	silverleaf sunray	—	—	W
<i>Eriogonum viscidulum</i>	sticky buckwheat	candidate-2	protected	T
* <i>Penstemon bicolor roseus</i>	rosy twotone beardtongue	candidate-2	—	D
<i>Phacelia parishii</i>	Parish phacelia	candidate-2	—	D

\* Species known from general range only. All others have been reported in or adjacent to *Arctomecon californica* sites.

† *Rana onca* was recently rediscovered in Nevada after being thought extinct. Nevada's populations may be the only ones surviving worldwide, and likely meet the definition of an endangered species.

NNNPS (Northern Nevada Native Plant Society): **D**: delisted; **PE**: possibly extinct; **T**: threatened; **W**: watch list.

TABLE 6. Specimens documenting known and reported *Arctomecon californica* sites.

Site Number and Name	Collector and Number	Date	Disposition*
1. Gypsum Spring S	<i>Leary, P. 1506</i>	24 March 1977	UNLV
2. PABCO mine road	<i>Maguire, B. 13582 (12582?)</i> <i>Spellenberg et al. s.n.</i> <i>Holland &amp; Schramm 867</i>	11 May 1936 19 May 1973 26 March 1976	GH ASU UNLV
3. Revere & Alexander	<i>Mistretta, O. 1080</i>	19 April 1994	NSMC, RSA
4. Blue Point Spring	<i>Atwood &amp; Welsh 8605</i>	21 April 1982	BRY
5. Commerce & Cheyenne	<i>Tidestrom, I. 9050</i> <i>Thompson, H. J. 3567</i>	19 April 1917 25 April 1969	GH LA
6. Lamb State Park	<i>Coville &amp; Funston 1889</i>	1 May 1891	GH
7. Arville & Diablo	<i>Brandegge, K. s.n.</i> <i>Mistretta, O. 1087</i>	6-7 May 1917 21 April 1994	GH, LA NSMC, RSA
8. Alta & Shetland	<i>Clokey, I. W. 8347</i>	19 April 1939	BRY, GH, LA, NESH
9. St. Louis & Eastern	<i>Train, P. 1640</i>	8 May 1938	NSMC, RENO
10. Apex Interchange SW	<i>Pinzl et al. 2140</i>	9 April 1979	NSMC
11. Captain Clark Memorial	<i>Grater, R. K. s.n.</i> <i>Ross, T. 7562</i>	27 March 1939 22 April 1994	UNLV NSMC, RSA
13. St. Thomas S	<i>Tanner, V. M. s.n.</i>	4 May 1941	BRY
14. Overton Beach	<i>McKelvey, S. D. 4150</i> <i>Powers, M. 18</i> <i>Ferguson, D. 39</i> <i>Genz, K. 9061</i> <i>Dean &amp; Burkhart s.n.</i> <i>Mistretta, O. et al. 1157, 1166</i>	4 May 1934 5 April 1969 2 May 1978 7 May 1979 11 May 1979 4 May 1994	GH UNLV UNLV RENO NSMC, RENO NSMC, RSA
15. Sunrise Pass	<i>Munz, P. A. 12790</i> <i>Stimson, J. C. 439</i>	20 May 1933 5 April 1981	LA BRY
16. Muddy Range	<i>Tidestrom, I. 9082</i>	23 April 1917	GH
19. Bitter Spring NE	<i>Mistretta, O. 1167</i>	4 May 1994	NSMC, RSA
22. Telephone relay	<i>McKelvey, S. D. 4136</i>	3 May 1934	GH
23. Smoke Ranch & Jones	<i>Mistretta, O. 1071</i>	20 April 1994	NSMC, RSA
24. American Borax Mine	<i>Swearingen, T. A. 1109</i>	26 May 1979	UNLV
26. North Las Vegas Airport	<i>Mistretta, O. 1079</i> <i>Mistretta, O. 1085</i>	20 April 1994 21 April 1994	NSMC, RSA NSMC, RSA
27. Las Vegas vicinity	<i>Clokey &amp; Marron 5808</i> <i>Clokey, I. W. 5837</i> <i>Maguire, B. 18083</i>	3 May 1937 23 April 1938 5 May 1939	LA, NESH GH, LA, NESH NESH
28. Logan & Simmons	<i>Ross &amp; Mistretta 7554</i>	20 April 1994	NSMC, RSA
29. Norte Leone & Ann	<i>Mistretta, O. 1081</i>	20 April 1994	NSMC, RSA
31. Water Authority yard	<i>Frémont, J. C. 429</i>	3 May 1844	NY (lectotype)
33. North Las Vegas	<i>Ross, T. 7561</i>	21 April 1994	NSMC, RSA



Site Number and Name	Collector and Number	Date	Disposition*
<b>39. Centennial &amp; 5th</b>	<i>Ross, T. 7560</i>	21 April 1994	NSMC, RSA
<b>40. Searchlight</b>	<i>Stirling, J. s.n.</i>	April 1906	UNLV
<b>41. Las Vegas Wash</b>	<i>Bostick, V. 5712</i>	14 April 1972	UNLV
<b>42. Gold Butte Wash</b>	<i>Pinzl, A. 7076</i>	16 April 1986	UNLV
<b>43. Maryland &amp; Russell</b>	<i>Nelson &amp; Williams s.n.</i>	20 April 1962	UNLV
<b>44. Thomas &amp; Mack Arena</b>	<i>Norman &amp; Johnson s.n.</i>	25 April 1960	UNLV
	<i>Austin, G. 183</i>	30 March 1963	UNLV
	<i>Alper, S. 50</i>	10 April 1963	UNLV
	<i>Plum, H. L. s.n.</i>	25 April 1967	UNLV
	<i>Bradley &amp; Fey s.n.</i>	25 April 1968	UNLV
<b>45. Brussels &amp; Tropicana</b>	<i>Edicola, M. A. s.n.</i>	1 May 1978	UNLV
<b>46. Craig &amp; Clayton</b>	<i>Fisher, J. C., Jr. TE1</i>	25 March 1980	UNLV
	<i>Welsh &amp; Welsh 21539</i>	7 April 1983	BRY
<b>52. Lamb Interchange</b>	<i>Nelson &amp; Harper 305</i>	30 April 1988	BRY
<b>53. Dewey &amp; Valley View</b>	<i>Mistretta, O. 1090, 1093</i>	21 April 1994	NSMC, RSA
<b>54. Lovell Wash</b>	<i>Holland &amp; Schramm 867a</i>	26 March 1976	UNLV
<b>57. Nellis &amp; Salt Lake</b>	<i>Higgins &amp; Atwood 1859</i>	25 April 1969	BRY
	<i>Atwood, N. D. 2387</i>	4 April 1970	BRY
<b>91. Pinto Ridge NE</b>	<i>Mistretta, O. 1164</i>	5 April 1994	NSMC, RSA
<b>94. Simplot Mine SE</b>	<i>Mistretta, O. 1156</i>	3 May 1994	NSMC, RSA
<b>95. Cheyenne &amp; Lamb</b>	<i>Williams, D. s.n.</i>	27 April 1978	BRY
<b>AZ1. Big Gypsum Ledges</b>	<i>Mistretta, O. 1513</i>	10 Nov 1994	NSMC, RSA
<b>AZ2. Vulture Canyon</b>	<i>Hester, J. P. s.n.</i>	August 1941	ARIZ
	<i>Phillips et al. 74-255</i>	13 May 1974	ARIZ, ASU
	<i>Phillips &amp; Mead 76-263</i>	6 Oct 1976	MNA, UNLV
	<i>Phillips, A. M. III. 79-377</i>	9 May 1979	ARIZ, ASC, MNA
	<i>Gierisch, R. K. 4816</i>	25 March 1981	ARIZ, ASC, ASU, BRY
<b>AZ4. Evans Heaven</b>	<i>Phillips, A. M. III. 94-13</i>	29 April 1994	?
<b>AZ5. Cave Canyon</b>	<i>Phillips et al. 86-78</i>	13 May 1986	MNA

\* Abbreviations according to Holmgren *et al.* 1990. See Tables 1-3 for site numbers.