

California Condors in AZ/UT by Tag

As of 4/26/13: 73 free-flying wild condors in AZ/UT

Birds currently in captivity or of unknown status in *italics*, **breeding or formerly breeding birds** & **wild-hatched birds** in bold.

Tag#	SB#	Age in 2013	Sex	Release/Fledge Year*	Comments
None	114	18	M	1997	
A4	334	9	M	2006	
A6	346	9	F	2005	Mate with 158; est lay date early April in either Kanab Crk Wilderness or in Grand Canyon near Indian Hollow Pt.
A9	349	9	M	2005	
C4	393	8	F	2009	Missing since 5 Dec 2012; suspected to be dead based on transmitter signal
E3	423	7	M	2007	
F1	441	6	M	2007	
F3	453	6	F	2009	
H9	496	5	F	2011	
J1	521	4	F	2011	
J2	520	4	M	2010	
J3	523	4	M	2011	
J6	516	4	F	2011	
J4	541	4	F	2011	
J7	537	4	F	2010	
K6	586	3	M	2012	
L2	592	2	F	2012	
L3	593	2	F	2012	
L4	634	2	F	2011	
-7	287	11	M	2005	
-6	296	10	F	2004	Mate with 266. Based on behavior likely nesting; est lay date 18 Feb
-3	293	9	M	2004	

Tag#	SB#	Age in 2012	Sex	Release/Fledge Year*	Comments
43	243	12	M	2002	Part of "Kaibab trio"; 1 st egg predated by ravens, 2 nd egg confirmed on 4 April
54	354	9	M	2006	Part of 273/302/354 Trio; Est lay date 2 nd week in March in Marble Canyon
55	455	6	F	2009	
57	257	12	M	2002	
58	158	16	M	1997	Mate with 346; est lay date early April in either Kanab Crk Wilderness or in Grand Canyon near Indian Hollow Pt.
61	561	3	M	2012	
62	162	16	M	1997	
65	265	11	M	2007	
66	266	11	M	2005	Mate with 296. Based on behavior likely nesting; est lay date 18 Feb by Vermilion Cliffs
68	368	8	F	2007	
71	371	8	M	2006	Missing; last roost location in Utah on 2 Dec 2012
72	272	11	M	2003	
73	273	11	M	2003	Part of 273/302/354 Trio; Est lay date 2 nd week in March in Marble Canyon
74	274	11	M	2003	Missing; last roost location in Utah on 18 Nov 2012
75	275	11	M	2003	
79	379	8	M	2009	
80	280	11	F	2003	Mate with 234; lay date late Feb/early Mar on Battleship formation in Grand Canyon.
81	581	3	F	2012	Missing; last roost location at Release site 7 Feb 2012
82	582	3	M	2012	
83	383	8	F	2008	
86	486	5	M	2010	
87	187	15	M	1998	

-0	350	9	M	2004	
01	601	2	M	2012	
02	302	10	F	2005	Part of 273/302/354 Trio; Est lay date 2 nd week in March in Marble Canyon
03	203	14	M	2001	
1	610	2	F	2011	
4	234	13	M	2000	Mate with 280; lay date late Feb/early Mar on Battleship formation in Grand Canyon.
5	553	3	M	2012	Missing; last roost location in Utah 5 Dec 2012
9	409	7	F	2008	
13	413	7	M	2010	
16	316	10	F	2004	Mate with 122; est lay date early Mar on Tower of Ra formation in Grand Canyon
22	122	18	M	2011	Mate with 316; est lay date early Mar on Tower of Ra formation in Grand Canyon
23	123	18	M	1997	
26	126	18	F	1999	
28	528	4	F	2011	
30	530	4	M	2011	
35	435	6	M	2010	
37	337	9	M	2006	
41	241	12	F	2002	Part of "Kaibab trio"; 1 st egg predated by ravens, 2 nd egg confirmed on 4 April
42	342	9	M	2004	

88	388	8	M	2009	
89	389	8	F	2005	
92	392	8	M	2005	
93	193	15	M	1998	Part of "Kaibab trio"; genetics; confirmed 193 was sire of condor 610; 1 st egg predated by ravens, 2 nd egg confirmed on 4 Apr
97	297	10	F	2005	
99	299	10	M	2004	
L0	620	2	F	2012	
L5	605	2	M	2012	
L9	619	2	M	2012	

SB# = Studbook number, sequential by hatch date. Pb = Lead ; *most recent release year

AZ/UT Wild-hatched Young Produced 2003-2012

(*Red* studbook #'s represent chicks that successfully fledged; **Bold Red** studbook #'s represent those chicks surviving at the time of this update; " ? " indicates unknown chick sex; *Purple* indicates breeder has died followed by year and cause of death).

Producing Pairs		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Male	Female										
123	127 (<i>'09, Lead</i>)	305M		392M			472F				
114	149 (<i>'06, Lead</i>)		342M								
122	119 (<i>'06, Lead</i>)		350M								
114	126			389F		459M		515?	558?		659?
134 (<i>'08, Missing</i>)	210 (<i>'13,</i>					441M					
187	133 (<i>'13, TBD</i>)						476M			633?	660?
122	210 (<i>'13, TBD</i>)							527?			
193	241									610F	
234	280									634F	
287	210 (<i>'13,</i>										674?

AZ/UT Wild Condor Lead Exposure

Number of condors in the wild, tested for lead exposure, showing evidence of exposure, extreme exposure, and those treated with chelation therapy (2007-2011). Because the season of greatest exposure occurs towards the end of each calendar year, the sampling seasons continue into the following calendar year and are therefore represented by values from the end of one calendar year and the beginning of the next.

Level of Exposure ¹	2007-8	2008-9	2009-10	2010-11	2011-12	2012-13
In Wild	61	68	72	74	71	80
Tested	59	58	61	68	62	72
Recent Exposure Likely ² (>15µg/dl)	50	46	52	49	39	54
Extreme Exposure (>65µg/dl)	14	15	20	19	11	27
Treated for lead poisoning (% ³)	25 (42%)	24 (41%)	34 (56%)	24 (35%)	17 (27%)	28 (39%)

¹ The half-life for lead in blood is ~ 2 weeks. Blood-lead levels are but a snapshot in time relative to the continuum of an exposure event beginning when lead is ingested. Blood-lead scores represent varying levels of indicated exposure and possible treatment-response measures.

² Blood lead levels between 15-29 µg/dl require the condor to be monitored 30-64 µg/dl require the condor to be held/recapture, monitored and/or treated

³ Percentage of tested condors treated for lead poisoning

Mortality Factors

<i>Mortality Factor</i>	<i>1996-2001</i>	<i>2002-2006</i>	<i>2007-2011</i>	<i>Jan2012- Feb 8 2013¹</i>	<i>Total (%²)</i>
Lead poisoning	3	9	7	7	26 (51)
Suspected lead poisoning	2	0	0	0	2
Predation	7	1	4	3	15 (29)
Collision (power line)	1	0	0	0	1 (2)
Collision (vehicle)	0	0	1	0	1 (2)
Shooting	1	2	0	0	3 (6)
Starvation	1	1	0	0	2 (6)
Septicemia (blood poisoning)	1	0	0	0	1 (2)
Impaction (coins)	0	0	2	0	2 (4)
Missing	2	4	11	2	19
Unknown	0	2	4	3	9
Total	18	20	31	15	84

¹ Does not include condors 133, 210, or 393

² Percentage of all diagnosed deaths since release began in 1996 is provided in parentheses (i.e., excludes missing, unknown, and suspected lead poisoning categories)

Literature Cited

Mace, M. and the Zoological Society of San Diego. 2013. California condor international studbook.

Southwest Condor Review Team. 2007. A review of the second five years of the California condor reintroduction program in the Southwest (2002-2006).

http://www.fws.gov/southwest/es/arizona/Documents/SpeciesDocs/CA_Condor/2nd_5YR-07_Final.pdf

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