

# California Condors in AZ/UT by Tag #

As of 05/31/14: 70 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**, & **wild-fledged breeding birds** in **bold**.

Tag#	SB#	Age in 2014	Sex	Bred At:	Release/Fledge Year*	Comments
<b>None</b>	<b>114</b>	19	M	SDWAP	1997	
<b>Just black tag</b>	<b>722</b>	1	?	Marble Canyon	2013	Wild fledging trapped and tagged; blood drawn to determine sex and confirm parents; tag just unnumbered black
<b>A6</b>	<b>346</b>	10	F	WCBP	2005	
A9	349	10	M	WCBP	2005	
E3	423	8	M	LAZ	2007	
<b>F1</b>	<b>441</b>	7	M	TapeatsCr	2007	
<b>F3</b>	<b>453</b>	7	F	LAZ	2009	
H9	496	6	F	Portland	2011	
J1	521	5	F	WCBP	2011	
J2	520	5	M	SDWAP	2010	
J3	523	5	M	WCBP	2011	
J6	516	5	F	Portland	2011	
J4	541	5	F	WCBP	2011	
K6	586	4	M	WCBP	2012	
L0	620	3	F	WCBP	2012	
L3	593	3	F	Portland	2012	
<b>L4</b>	<b>634</b>	3	F	Battleship	2011	
L5	605	3	M	WCBP	2012	
L9	619	3	M	WCBP	2012	
M7	647	2	F	WCBP	2013	
N7	679	1	F	SDWAP	2014	Released June 2, 2014
N8	680	1	M	SDWAP	2014	Released June 2, 2014
<b>-7</b>	<b>287</b>	12	M	SDWAP	2005	

Tag#	SB#	Age in 2014	Sex	Bred At:	Release/Fledge Year*	Comments
<b>-6</b>	<b>296</b>	11	F	WCBP	2004	Mate of 266; nest near Vermilion Cliffs; chick 754 est hatch date April 9, 2014
<b>-3</b>	<b>293</b>	10	M	WCBP	2004	Mate of 389; Est hatch May 30, 2014
01	601	3	M	WCBP	2012	
<b>03</b>	<b>203</b>	15	M	WCBP	2001	
09	609	3	F	WCBP	2013	
<b>1</b>	<b>610</b>	3	F	E.Kaibab	2011	
<b>3</b>	<b>723</b>	1	?	Tower of Ra	2013	
5	655	2	F	WCBP	2013	
7	657	2	F	WCBP	2014	Released April 18, 2014
8	668	2	F	WCBP	2013	
<b>9</b>	<b>409</b>	8	F	SDWAP	2008	Mate of 337; Est hatch of egg April 26 2014. First wild-hatched condor chick in Utah
11	611	3	M	WCBP	2013	
<b>16</b>	<b>316</b>	11	F	WCBP	2004	
<b>22</b>	<b>122</b>	19	M	LAZ	2011	
<b>23</b>	<b>123</b>	19	M	LAZ	1997	
<b>26</b>	<b>126</b>	19	F	SDWAP	1999	
28	528	5	F	Portland	2011	
30	530	5	M	LAZ	2011	
35	435	7	M	Portland	2010	
<b>37</b>	<b>337</b>	10	M	WCBP	2006	Mate of 409; Est hatch of egg April 26 2014. First wild-hatched condor chick in Utah
40	640	2	F	WCBP	2013	
<b>41</b>	<b>241</b>	13	F	WCBP	2002	
<b>42</b>	<b>342</b>	10	M	VC	2004	Mate of 282; est. hatch May 26, 2013
<b>43</b>	<b>243</b>	13	M	WCBP	2002	

53	653	2	F	WCBP	2013	
<b>54</b>	<b>354</b>	10	M	WCBP	2006	
55	455	7	F	Portland	2009	
61	561	4	M	WCBP	2012	
<b>62</b>	<b>162</b>	17	M	LAZ	1997	
65	265	12	M	SDWAP	2007	
<b>66</b>	<b>266</b>	12	M	SDWAP	2005	Mate of 296; nest near Vermilion Cliffs; chick 754 est hatch date April 9, 2014
68	368	9	F	WCBP	2007	
69	669	2	M	WCBP	2014	Released April 18, 2014
72	272	12	M	WCBP	2003	
75	275	12	M	WBCP	2003	
77	677	1	F	SDWAP	2014	Released April 18, 2014
<b>80</b>	<b>280</b>	12	F	WCBP	2003	
82	582	4	M	WCBP	2012	
<b>83</b>	<b>383</b>	9	F	WCBP	2008	Mate of 342; Est egg hatch May 26, 2014
86	486	6	M	SDWAP	2010	
<b>87</b>	<b>187</b>	16	M	WCBP	1998	
88	388	9	M	WCBP	2009	
<b>89</b>	<b>389</b>	9	F	VC	2005	Mate of 293; Est. egg hatch May 30, 2014

<b>93</b>	<b>193</b>	16	M	WCBP	1998	
97	297	11	F	WCBP	2005	
79	379	9	M	Portland	2009	Not trapped/testing during 2013-14 lead season, but alive and moving based on signals
<b>TBD</b>	<b>719</b>	1	?	Battleship Formation	2013	Fledged November 18, 2013
<b>TBD</b>	<b>754</b>	<1	?	Vermilion Cliffs	2014	Estimated Hatch April 9, 2014
<b>MI</b>	<b>641</b>	2	M	Portland		Not yet released

**SB#** = Studbook number, sequential by hatch date. **Pb** = Lead ; **LAZ** = Los Angeles Zoo. **SDWAP** = San Diego Wild Animal Park (now San Diego Zoo Safari Park). **WCBP** = Peregrine Fund's World Center for Birds of Prey in Boise, Idaho. **Portland** = Oregon Zoo in Portland, OR. **VC** = Vermilion Cliffs. **Hurricane** = Hurricane Cliffs, a briefly-used 2<sup>nd</sup> release site north of the western part of Grand Canyon.



## 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 (2007-2014). 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.*

<b>Level of Exposure<sup>1</sup></b>	<b>2007-8</b>	<b>2008-9</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
In Wild	61	68	72	74	73	80	75
Tested	59	58	61	68	71	72	65
Recent Exposure Likely <sup>2</sup> (>15µg/dl)	50	46	52	49	39	54	43
Extreme Exposure (>65µg/dl)	14	15	20	19	11	27	11
Treated for lead poisoning (% <sup>3</sup> )	25 (42%)	24 (41%)	34 (56%)	24 (35%)	18 (25%)	28 (39%)	13 (20%)

<sup>1</sup> 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.

<sup>2</sup> 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

<sup>3</sup> 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- July 2, 2014</i>	<i>Total</i>	<i>% of Diagnosed Deaths<sup>1</sup></i>
Lead poisoning	3	9	7	9	28	50.0
Suspected lead poisoning	2	0	0	1	3	
Predation	7	1	4	4	16	28.5
Collision (power line)	1	0	0	0	1	1.8
Collision (vehicle)	0	0	1	1	2	3.6
Shooting	1	2	0	0	3	5.4
Starvation	1	1	0	1	3	5.4
Septicemia (blood poisoning)	1	0	0	0	1	1.8
Impaction (coins)	0	0	2	0	2	3.6
Missing	2	4	11	5	22	
Unknown	0	2	4	9	15	
<i>Pending/TBD</i>				3	3	
<b>Total</b>	<b>18</b>	<b>19</b>	<b>29</b>	<b>33</b>	<b>99</b>	
<b>Total Diagnosed</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>56</b>	<b>57</b>
<b>Total Not Diagnosed</b>	<b>4</b>	<b>6</b>	<b>15</b>	<b>18</b>	<b>43</b>	<b>43</b>

<sup>1</sup> Percentage of all diagnosed deaths since release began in 1996 is provided in parentheses (i.e., excludes missing, unknown, suspected lead poisoning, and pending categories)

### Literature Cited

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

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