

# California Condors in AZ/UT by Tag #

As of 7/3/15: 71 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 2015	Sex	Bred At:	Release/Fledge Year*	Comments
<b>None</b>	<b>114</b>	20	M	SDWAP	1997	
A9	349	11	M	WCBP	2005	
E3	423	9	M	LAZ	2007	
<b>F1</b>	<b>441</b>	8	M	TapeatsCr	2007	
F3	453	8	F	LAZ	2009	
H9	496	7	F	Portland	2011	
J1	521	6	F	WCBP	2011	
J2	520	6	M	SDWAP	2010	
J3	523	6	M	WCBP	2011	
J6	516	6	F	Portland	2011	
J4	541	6	F	WCBP	2011	
K6	586	5	M	WCBP	2012	
L0	620	4	F	WCBP	2012	
L3	593	4	F	Portland	2012	
<b>L4</b>	<b>634</b>	4	F	Battleship	2011	
M1	641	3	M	Portland	2014	
M7	647	3	F	WCBP	2013	
N1	701	2	?	WCBP	2014	
N7	679	2	F	SDWAP	2014	
N8	680	2	M	SDWAP	2014	
<b>N9</b>	<b>719</b>	2	?	Battleship Formation	2013	
<b>-6</b>	<b>296</b>	12	F	WCBP	2004	Mate of 266
<b>-3</b>	<b>293</b>	11	M	WCBP	2004	Mate of 389
01	601	4	M	WCBP	2012	
<b>03</b>	<b>203</b>	16	M	WCBP	2001	

Tag#	SB#	Age in 2014	Sex	Bred At:	Release/Fledge Year*	Comments
09	609	4	F	WCBP	2013	
<b>1</b>	<b>610</b>	4	F	E.Kaibab	2011	
<b>2</b>	<b>722</b>	2	F	Marble Canyon	2013	
<b>4</b>	<b>754</b>	1	?	Vermilion Cliffs	2014	
7	657	3	F	WCBP	2014	
<b>9</b>	<b>409</b>	9	F	SDWAP	2008	Mate of 337; unconfirmed nest in Utah
11	611	4	M	WCBP	2013	
<b>16</b>	<b>316</b>	12	F	WCBP	2004	Mate of 122; Confirmed nest at Tower of Ra
19	619	4	M	WCBP	2012	
21	721	2	?	WBP	2014	
<b>22</b>	<b>122</b>	20	M	LAZ	2011	Mate of 316; Confirmed nest at Tower of Ra, Grand Canyon
<b>23</b>	<b>123</b>	20	M	LAZ	1997	Mate of 297; Confirmed nest & chick below Hopi Pt, Grand Canyon
<b>26</b>	<b>126</b>	20	F	SDWAP	1999	
28	528	6	F	Portland	2011	
30	530	6	M	LAZ	2011	
35	435	7	M	Portland	2010	
<b>37</b>	<b>337</b>	11	M	WCBP	2006	Mate of 409; unconfirmed nest in Utah
40	640	3	F	WCBP	2013	
<b>41</b>	<b>241</b>	14	F	WCBP	2002	
<b>42</b>	<b>342</b>	11	M	VC	2004	Mate of 282
<b>43</b>	<b>243</b>	14	M	WCBP	2002	
47	447	8	F			
53	653	3	F	WCBP	2013	
<b>54</b>	<b>354</b>	11	M	WCBP	2006	
55	455	8	F	Portland	2009	

05	605	4	M	WCBP	2012	
07	707	2	?	WCBP	2014	
65	265	13	M	SDWAP	2007	
<b>66</b>	<b>266</b>	13	M	SDWAP	2005	Mate of 296
68	368	10	F	WCBP	2007	
72	272	13	M	WCBP	2003	
75	275	13	M	WBCP	2003	
77	677	2	F	SDWAP	2014	
79	379	10	M	Portland	2009	
<b>80</b>	<b>280</b>	13	F	WCBP	2003	Mate of 187; Confirmed nest on Battleship Formation, Grand Canyon
82	582	5	M	WCBP	2012	
<b>83</b>	<b>383</b>	10	F	WCBP	2008	Mate of 342

61	561	5	M	WCBP	2012	
<b>62</b>	<b>162</b>	18	M	LAZ	1997	
<b>87</b>	<b>187</b>	17	M	WCBP	1998	Mate of 280; Confirmed nest on Battleship Formation, Grand Canyon
88	388	10	M	WCBP	2009	
<b>89</b>	<b>389</b>	10	F	VC	2005	Mate of 293
<b>93</b>	<b>193</b>	17	M	WCBP	1998	
97	297	12	F	WCBP	2005	Mate of 123; Confirmed nest & chick below Hopi Pt, Grand Canyon
98	698	2	?	WCBP	2014	
<b>TBD</b>	<b>766</b>	1	?	Cane Canyon	2014	Parents 293 and 389

**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>	<b>2014-15</b>
% Population Tested	97%	85%	85%	92%	95%	88%	89%	95%
% Tested <sup>3</sup> = Recent Exposure Likely <sup>2</sup> (>15µg/dl)	85%	74%	85%	72%	59%	73%	65%	80%
% Tested = Extreme Exposure (>65µg/dl)	24%	26%	33%	28%	20%	41%	17%	26%
% Tested = Treated for lead poisoning	42%	41%	56%	35%	25%	42%	20%	29%

<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

## Mortality Factors

<i>Mortality Factor</i>	<i>1996-2001</i>	<i>2002-2006</i>	<i>2007-2011</i>	<i>Jan2012- July 3 2015</i>	<i>Total</i>	<i>% of Diagnosed Deaths<sup>1</sup></i>
Lead poisoning	3	9	9	9	30	52.6
Suspected lead poisoning	2	0	0	1	3	
Predation	7	1	4	4	16	28.1
Collision (powerline)	1	0	0	0	1	1.8
Collision (vehicle)	0	0	1	0	1	1.8
Shooting	1	2	0	0	3	5.3
Starvation	1	2	0	1	3	5.3
Septicemia (blood poisoning)	1	0	0	0	1	1.8
Impaction (coins)	0	0	2	0	2	3.5
Missing	2	4	11	11	28	
Unknown	0	2	4	11	17	
<i>Pending/TBD</i>				5	5	
<b>Total</b>	<b>18</b>	<b>20</b>	<b>31</b>	<b>42</b>	<b>110</b>	
<b>Total Diagnosed</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>57</b>	
<b>Total Not Diagnosed</b>	<b>4</b>	<b>6</b>	<b>15</b>	<b>18</b>	<b>53</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. 2014. 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](http://www.fws.gov/southwest/es/arizona/Documents/SpeciesDocs/CA_Condor/2nd_5YR-07_Final.pdf)

Southwest Condor Review Team. 2012. A review of the third five years of the California condor reintroduction program in the Southwest (2007-2011). [http://www.fws.gov/southwest/es/arizona/Documents/SpeciesDocs/CA\\_Condor/THIRD%205YR%20Review%20Final%20.pdf](http://www.fws.gov/southwest/es/arizona/Documents/SpeciesDocs/CA_Condor/THIRD%205YR%20Review%20Final%20.pdf)

The Peregrine Fund. 2015. Condor Cliffs. [www.condorcliffs.org](http://www.condorcliffs.org)