

Anza-Borrego Desert State Park®  
 200 Palm Canyon Drive  
 Borrego Springs, CA 92004

July 7, 2003

JA

**Sheep Counters:**

Thank you for making the 33rd Annual Bighorn Sheep Count another safe and successful event! We can't believe how smoothly the count went, and it was thanks to each and every one of you dedicated volunteers. It's incredible how all you folks keep coming back for this event and what a great job each of you do. We're witnessing the bighorn making a comeback and all of you can be proud of the role you've had in this conservation effort. The number of sheep observed this year was high and the lamb:ewe ratio is excellent. Hope we see you return next year for another successful sheep count. Thanks to all of you from Esther, Mark, and of course, the bighorn !

<u>COUNT SITE</u>	<u>EWE</u>	<u>LAMB</u>	<u>YEARLING</u>		<u>RAM</u>	<u>NO</u>	<u>TOTAL</u>
			<u>M</u>	<u>F</u>			
1st Grove Palm Canyon ✓	0	0	0	0	0	0	0
2 <sup>nd</sup> Grove Palm Canyon ✓	2	2	2	0	0	1	7
3rd Grove Palm Canyon ✓	1	3	2	1	3	0	10
4th Grove Palm Canyon ✓	11	4	0	1	13	0	29
Tubb Cyn. Lower Outfall ✓	1	0	0	0	2	0	3
Tubb Canyon Guzzler ✓	5	1	1	1	3	0	11
Middle Spring-Tubb Cyn. ✓	3	0	0	0	2	0	5
Big Spring-Tubb Cyn. ✓	0	0	0	0	0	0	0
Upper Hellhole ✓	10	5	2	1	7	0	25
Lower Hellhole ✓	0	0	0	0	0	0	0
Box Cyn.-Lower Willows ✓	15	9	1	2	3	0	30
Lower Willows-Upper Site ✓	1	1	0	1	1	0	4
Cougar Canyon (not counted) ✓							
Sheep Canyon N. Fork ✓	0	0	0	0	0	0	0
Salvador Canyon (not counted) ✓							
Monkey Hill ✓	2	1	0	0	0	0	3
Middle Willows ✓	4	2	0	1	3	0	10
Upper Middle Willows ✓	2	0	1	1	1	0	5
Upper Willows ✓	0	0	0	0	0	0	0
Rattlesnake Spring ✓	19	10	3	5	6	0	43
Yaqui Pass/Pinyon Ridge ✓	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>76</b>	<b>38</b>	<b>12</b>	<b>14</b>	<b>44</b>	<b>1</b>	<b>185</b>

RATIOS: RAM:EWE 58:100 LAMB:EWE 50:100 YEARLING:EWE 34:100

COUNT CONDUCTED ON JULY 4th, 5th, 6th, 2003. High temperature for each day was 113, 114, 111° F.

**THANKS to all of you!**

**Esther S. Rubin, Count Coordinator, Zoological Society of San Diego**  
**Mark C. Jorgensen, Superintendent, Anza-Borrego Desert State Park**