

## CONTRACTION OF CALIFORNIA BURROWING OWL RANGE

Prepared by Jeff Miller, Center for Biological Diversity, October 16, 2003

**Area of California within western burrowing owl range: 103,245 square miles<sup>1</sup>**

**Breeding owls have been extirpated or are nearing extirpation in 22,255 sq. miles = 22% of the species' range in California**

**Breeding owls are declining in an additional 24,190 sq. miles = 23% of the species' range in California**

<u>County/Region</u>	<u>Area within BUOW range (square miles)</u>	<u>Status of breeding owls</u>	<u>Remaining owl pairs (year of estimate)<sup>2</sup></u>
Napa	795	extirpated	0 (1993)
Marin	590	extirpated	0 (1993)
San Francisco	90	extirpated	0 (1993)
Santa Cruz	440	extirpated	0 (1993)
Southwestern Solano	45	nearly extirpated	0? (2002)
Western Contra Costa	400	nearly extirpated	0? (2002)
Sonoma	1,600	nearly extirpated	1 to 2 (1993)
San Mateo	530	nearly extirpated	1 to 2 (2001)
Monterey	3,325	nearly extirpated	~14 (1992)
Coastal San Luis Obispo <sup>3</sup>	3,015	nearly extirpated	0 to ? (1993, 2003) <sup>4</sup>
Santa Barbara	2,195	nearly extirpated	unknown
Southern Ventura	1,025	nearly extirpated	unknown
Southern Los Angeles	2,040	nearly extirpated	0? (2002)
Orange	785	nearly extirpated	≤3 (2002)
San Diego	3,850	nearly extirpated	6 to 8 (2001)
Coachella Valley	1,530	extirpated or nearly extirpated	0 to 5-10 (1993, 2003) <sup>5</sup>
<b>Total</b>	<b>22,255 = 22%</b>		
Yolo	1,035	declining	30-40 (2000)
Alameda (except eastern portion)	660	declining	unknown
Santa Clara	1,315	declining	120-141 (1997)
Western Riverside	1,810	declining	unknown
Southwestern San Bernardino	1,010	declining	unknown
San Bernardino (desert portion)	17,140	declining	unknown
Northeastern Los Angeles	1,220	declining	≥ 10 (2000)
<b>Total</b>	<b>24,190 = 23%</b>		

<sup>1</sup> Derived from Barclay state map in listing petition, Appendix 1

<sup>2</sup> Estimates from DeSante and Ruhlen (1995), DeSante et al. (1996), and information in the listing petition unless otherwise noted.

<sup>3</sup> Estimate of area of coastal S.L.O. County within range of the species; does not include Carrizo Plain.

<sup>4</sup> 17 recent probable breeding observations in coastal S.L.O. county were reported in 2003 to CDFG by biologist Miriam Hulst, Department of Defense.

<sup>5</sup> An estimated 5-10 resident pairs in the Coachella Valley were reported in 2003 to CDFG by biologist Cam Barrows.