



desert conservation  
PROGRAM

Date: June 14, 2014

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:

**DEVELOPING HABITAT MODELS AND MONITORING TECHNIQUES FOR NINE (9) RARE BIRDS**

**2005-GBBO-581**

The work for the above referenced project has been completed. Please see the attached for all project related information.

**The purpose of the above referenced project was:**

In this six-year study, data was collected on the presence, abundance, and habitat characteristics of nine focal bird species, including six species covered by the Multiple Species Habitat Conservation Plan (MSHCP) and three evaluation species. The work was done for the purpose of better informing land managers of the status and conservation needs of birds breeding in Clark County. The monitoring data were collected using standard methods similar to those used in the Nevada Bird Count, Great Basin Bird Observatory's state-wide monitoring effort. The six covered species included the Southwestern Willow Flycatcher, Blue Grosbeak, Phainopepla, Summer Tanager, Vermilion Flycatcher, and Arizona's Bell's Vireo, and the three evaluation species included Bendire's Thrasher, Le Conte's Thrasher, and Gray Vireo.

The deliverables for the project attempt to estimate population sizes, habitat-specific densities, habitat use patterns, actual and predicted distributions, and predicted densities in spatial models of nine focal species of the Clark County. The population monitoring for these nine species consisted of a combination of point count transects and area searches. Point count transects are an extensive method, with more than 300 transects scattered across Clark County. Area searches are intensive surveys on randomly-selected survey plots to determine bird densities, obtain nesting data, and generate intensive inventory data for high priority

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sites. Double-sampling, using area searches and point counts, were another method used to estimate population densities across the landscape.

**The major accomplishment or findings of this project include:**

Accomplishment:

- Over the six years of this study, 1,045 visits to 316 mostly randomly-selected 10-point point count transects were conducted. Population size estimates for Clark County for each of the nine focal species were generated from the data.
- A list of all 229 species observed over all point count surveys conducted in Clark County was generated.
- Completed and submitted nine Predictive Habitat Models and Habitat Suitability Maps. The nine conceptual models focus on major stressors (threats) present in Clark County today, how they are expected to affect the primary habitat of the bird species, and what responses are expected from the bird species with regard to nesting, survival, and population ecology.
- Completed and submitted a Final Report that present population estimates, habitat suitability models, and spatial habitat models that describe the landscape and resource use of the nine focal species.

For more information about this project and/or for other Project Reports or Symposium Reports, please visit our website at: <http://www.clarkcountynv.gov/Depts/dcp/Pages/default.aspx>

If you have any questions, please contact Larry Mata at (702) 455-3964.

Sincerely,



Marci D. Henson  
Program Manager

cc:

US Fish and Wildlife Service  
Board of County Commissioners (7)  
Permittees' Executive Committee  
Permittees' Process Management Group



# desert conservation

## PROGRAM

Thomas Boldt, Purchasing  
Catherine Jorgenson, District Attorney – Civil Division  
Desert Conservation Program Community Advisory Committee  
Desert Conservation Program Interested Parties List  
Multiple Species Habitat Conservation Plan Implementing Agencies  
Science Advisor  
SNPLMA Office (for SNPLMA projects)  
Congressional Office  
DCP Staff

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# DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTICE

**Date of Issuance:** 5/14/2014

## General Project Information

Project Category	Conservation
Compliance	9d-Research/Inventory/Monitoring
Project Level	Level 3
Project Title	Developing Habitat Models and Monitoring Techniques for 9 Rare Birds
Project Number	2005-GBBO-581
Contractor	Great Basin Bird Observatory
Contractor Person of Contact	Jennifer Ballard
Contractor Project Manager	Elisabeth Ammon
DCP Project Manager	Larry Mata
DCP Person of Contact/Contract Manager	Heather Green
Competitive Award or Sole Source	Sole Source
Contract Start Date	10/16/2007
Purchase Order Number	4800000340-005
Contract End Date	03/31/2014

Commissioner & District	A Steve Sisolak
	B Tom Collins
	C Larry Brown
	D Lawrence Weekly
	E Chris Giunchigliani
	F Susan Brager
	G Mary Beth Scow

Congressional Rep & District	D1 Dina Titus
	D2 Mark Amodei
	D3 Joe Heck
	D4 Steven Horsford

## Financial Breakdown

Funding Source	SNPLMA R6
Original Contract Amount	\$719,939.00
Total Change Request Amount	0.00
Revised Contract Amount <small>(Original Award plus Change Requests)</small>	\$719,939.00
Funds Not Used in Contract	0.00
Final Payout Amount	\$719,939.00

## Performance Information

Total Number of Change Requests	2
Number of Change Requests by Contractor	0
Number of Change Requests by DCP	2
Total Number of Deliverables	47
Number of Deliverables Accepted	47
Number of Deliverables Rejected	1
Number of Delinquent Deliverables	5
Total Number of Milestones	14
Number of Delinquent Milestones	0
Number of Milestones Met on Time	14
Total Number of Invoices Submitted	22
Number of Rejected Invoices	2

**Final Project Report** <http://bit.ly/1jbxvdVS>