



desert conservation
PROGRAM

March 29, 2011

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:
**Historical and Current Assessment of 6 Covered
and 3 Evaluation Bird Species
2005-NPS-542**

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:

To conduct a targeted inventory and historic analysis of nine covered/evaluation bird species in Clark County. The six (6) covered species are:

Southwestern Willow Flycatcher

- Blue Grosbeak
- Phainopepla
- Summer Tanager
- Vermillion Flycatcher
- Arizona Bell's Vireo

The three (3) evaluation species are:

- Bendire's Thrasher
- LeConte's Thrasher
- Gray Vireo

The combination of surveys and historic analysis will allow for a comparison of the historic distribution and abundance of the species with present-day patterns.

The major accomplishment or findings of this project include:

This project was initiated on December 4, 2007 and has been successfully completed. Eight intensive area searches were conducted over 2 years at 7 sites to identify and map breeding birds. These data were supplied to collaborating researchers in their efforts to develop correction factors for regional point count surveys. Historical records for each species were compiled from multiple sources and georeferenced. Targeted field surveys

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were conducted at 154 of these locations. In general, there was insufficient historical data for most of the bird species to draw strong conclusions on the impact of urban development, but trends were described for each species. Relative estimates of habitat loss for each species were derived in relationship to estimates of urbanization for 1985, 1994 and 2006. Soil survey data were used for this effort to estimate conditional changes in vegetation communities associated with each species. Conceptual models developed for each species were used to guide the successful development of habitat suitability models and maps

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/CurrentProjects.aspx>

If you have any questions, please contact Larry Mata, Project Manager 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
- John Hill, 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
- All Environmental Management Staff Distribution

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