

California Wildlife Action Plan Update

Federal program administered by USFWS to the states.

All the states committed to review and if necessary, revise plans every 10 years (submit completed revision by Oct. 2015).

California has received approx. \$3 million/yr. (we are max-capped at 5% of nationwide total)

Plan completed in 2005

SWAP = State Wildlife Action Plan

SWG = State Wildlife Grant program



Criteria for “major” revisions:

- Meets the 8 conservation elements as required for original plan
- Includes up-to-date public review process
- Provides summary of significant changes
- Review and approval from USFWS



Wildlife Action Plan Review and Revisions

Key areas we have already identified for revision and work:

- 1) Update the plan to better address climate change
- 2) Review/update of Species of Greatest Conservation Need in consideration of climate change or any other stressors
- 3) Update/revision of sections to reflect current conditions (as yet undetermined what these might be)



California Plan Review and Update

Informally, we have already started and begun internal planning and project development.

- Recent completion of CA Bird Sp. of Special Concern
- Planned revision of Mammal and Amphibian/Reptile Species of Special Concern
- Climate change adaptation

More formal implementation of plan revision to start in 2010.



Communication and outreach on plan implementation

In addition to updating the plan, the Department will work to establish improved information related to plan implementation

Website updates, partnerships, supporters, project activities/summaries, etc.



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|------------|--|
| T-1-3 | 2004/05 CA Species & Natural Communities Monitoring & Assessment Project |
| T-1-4 | Conservation Grant Coordination Project-Phase 2 |
| T-1-5 | CA Species and Natural Communities Monitoring and Assessment-Phase 3 |
| T-2-1 | Development of CA Comprehensive Wildlife Conservation |
| T-5-1 | Development of a California Bat Conservation Plan |
| T-5-2 | Development of a California Bat Conservation Plan-Phase 2 |
| T-6-2 | Northern California DFG Land Management Project-Phase 1 |
| T-6-3 | DFG Lands Focal Species Land Management Program |
| T-7-1 | Development of a Western Burrowing Owl Conservation Strategy |
| T-9-1 | Greater Sage Grouse |
| T-10-1 | Development of Conservation Strategy for the Western Pond Turtle |
| T-11-1 | Strengthening California's Resource Assessment Capability: 2006-2008 |
| Project A | Coordination & Collaboration Planning for Sierra Nevada, Cascade, and Klamath bioregions aquatic |
| Project A1 | Pacific Fisher, American marten, and Sierra Nevada red fox distribution |
| Project A2 | Coho salmon monitoring in the Scott River |
| Project A3 | Northern Sierra Nevada Aquatic Biodiversity project |
| Project A4 | Compilation of Quaking aspen habitat distribution data |
| Project B | Coordination & Collaboration Planning for Central Valley resource assessment activities |
| Project B1 | Yellow-Billed Magpie surveys and West Nile Investigations |
| Project B2 | Swainson's Hawk Monitoring Project |
| Project C | Comprehensive Biological Data Management |
| T-12-1 | Heavy Metal Contamination in Sentinel Wildlife Species |
| T-13-1 | Tri-Colored Blackbird Conservation |

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| T-14-1 | Western Pond Turtle Telemetry Study |
| T-15-1 | High Mountain Lakes Biodiversity Surveys |
| T-16-1 | Sooty Grouse, Tuolumne County |
| T-17-1 | Long Term monitoring Strategy in Western Riverside County |
| T-18-1 | California Spotted Owl |
| T-19-1 | Focused Regional and Statewide Conservation Planning |
| T-20-1 | Resource Assessment within the North Central Region |
| Project #1 | Sierra Nevada Monitoring |
| Project #2 | Sacramento Swainson Hawk Monitoring |
| Project #3 | California Bank Swallow |
| T-21-1 | Resource Assessment within the North Coast-Klamath, Southern Cascade, and Modoc Plateau Regions of |
| Project #1 | Landscape Monitoring |
| Project #2 | Great Gray Owl |
| Project #3 | Trinity Bristle Snail |
| T-22-1 | Species and Natural Communities Monitoring and Assessment Project-Central Region (R4) |
| Project #1 | San Joaquin Valley |
| Project #2 | Central Coast |
| T-23-1 | Ash Creek Wildlife Area Upland Habitat Enhancements-Purchase of Portable Pivot Irrigation and System |
| T-24-1 | California Species and Natural Communities Monitoring and Assessment Project-South Coast Region |
| T-25-1 | The Safe Passages Project: Planning for Wildlife Connectivity in California |
| FT-1-1 | Fisheries and Aquatic Ecosystem Resource Assessment, Management Planning, and Plan Implementation |
| U-26-R-1 | State Wildlife Action Plan Implementation Resources and Capacity Building Tools for Amphibian and Repti |



Abstract

The Swainson's hawk was listed as a threatened species in 1983 by the California Fish and Game Commission. This listing was approved in part due to the results of the statewide survey conducted in 1979 by Pete Bloom for the California Department of Fish and Game (DFG) (Bloom 1980). The Bloom (1980) survey provided valuable information on the nesting distribution of the species in the state. Bloom's work included conducting surveys throughout the state during one nesting season, and by using generalized habitat associations and nest site densities determined during the nesting survey, making a determination of the remaining nesting population and of the minimum percent decline of the nesting population. He estimated that there were 350 nesting pairs remaining in the state and determined this to be a 90 percent population reduction of historic Swainson's hawk numbers.

Goals of the project

In order to recover the species and maintain stable populations of the State threatened Swainson's hawk, it is essential that more complete and accurate inventory information be available regarding available habitat, breeding pair numbers, and species distribution. To this end, DFG has initiated this study to inventory the state of California for Swainson's hawk breeding pairs and provide an up-to-date and accurate assessment of the Swainson's hawk population in California.



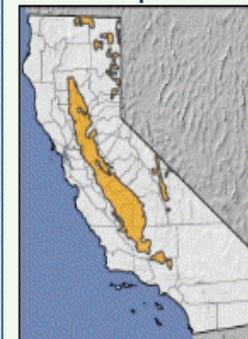
- To estimate Swainson's hawk breeding pair numbers in California.
- To test and establish a survey protocol that will be appropriate for long-term trend analysis of Swainson's hawk breeding pair numbers and habitat changes.

Primary Objectives

To achieve these goals, the project objectives are:

- develop a scientifically based sample design and protocol for estimating Swainson's hawk breeding pair numbers statewide,
- develop a habitat type map to correspond with Swainson's hawk range,
- develop a protocol for a long-term trend analysis of Swainson's hawk breeding pairs, distribution, and habitat changes,
- conduct a pilot study and an inventory of Swainson's hawk breeding pairs,
- describe the current Swainson's hawk abundance and distribution.

Overview Map



[Open BIOS Interactive Map](#)

Project Stats

343 Units Surveyed
 83 Nest Trees Located
 Combined estimate for 2005-2006 is 2081 breeding pairs
 Average nest height was 43' and 39' in 05-06 respectively
 (2006 Data)

Investigators

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Documents

| Title | Description | Link |
|----------------------|--|---------------------|
| 2005 Progress Report | Progress report on California Swainson's Hawk Inventory: 2005-2006 | PDF |
| Final Report | Final report on California Swainson's Hawk Inventory: 2005-2006 | PDF |



Resource Assessment Project Status Summary

[Clear Form](#)

Title of Project

Status [Select...](#)

Start Date (m/d/yyyy)

Finish Date (m/d/yyyy)

Project Description

Biogeographic Region(s)

- Headquarters
- Statewide
- North Coast
- Modoc
- Sierra Cascade Ranges
- Sierra Foothills
- Central Valley
- Central Coast
- South Coast
- Desert

[Click here to view biogeographic map \(CTRL or SHIFT for multiple selections\)](#)

Accomplishments

Species (Class or Family)

[Select value or paste flora family...](#)

[Click here to select a flora family](#)

Findings/Observations/Issues

Reference(s) (Attachments and URL's)

Project Contacts and Collaborators

| Contact Name(s) | Role(s) | Agency(s) | Program(s) | E-mails(s) | Phone(s) |
|---------------------------|---------------------------|---------------------------|---------------------------|----------------------|----------------------|
| Select... | Select... | Select... | Select... | <input type="text"/> | <input type="text"/> |
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California

Teaming with wildlife Supporters as of 8/31/09



TEAMING WITH WILDLIFE
a natural investment

| | | |
|--|---|--|
| Alpen Optics | Cooper Ornithological Society (National) | LBJ Enterprises |
| Animal Switchboard | Defenders of Wildlife-California | Lindsay Wildlife Museum |
| BEAR League | Desert Cities Bird Club | Low Impact Wildlife Photography |
| Big Game Hunting Maps | Desert Fishes Council (National) | Marin Conservation League |
| Bismarck-Mandan Bird Club-CA | Elkhorn Slough Foundation | Marine Protected Areas Program |
| Bluewater Network (National) | Endangered Habitats League | Mojave Desert Bird Club |
| California Audubon Society | Endangered Species International | National Marks Conservation Association-California |
| California Central Coast Connectivity Project | Frans Lanting Photography | Nature Media Network |
| California Deer Association-Kearn River Valley Chapter | Friends of Harbors, Beaches and Parks | Nature Tourism Planning |
| California Department of Fish & Game | Friends of Seal Beach NWR | Northcoast Regional Land Trust |
| California Native Plant Society | Friends of the Inyo | Ocean Futures Society (National) |
| California Oak Foundation | Friends of the Sea Otter | Pacific Coast Federation of Fishermen's Associations |
| California Reservations | Friends of Trinity River | Pacific Crest Trail Association (National) |
| California Sportfishing Protection Alliance | Golden Gate Raptor Observatory | Pacific Seabird Group (National) |
| California State Parks Foundation | Greenspace-Cambria Land Trust | Palm Springs Travelodge |
| California Trout | Horned Lizard Conservation Society-CA | Paw PAC |
| California Wildlife Foundation | Institute for Bird Populations (National) | Peninsula Fly Fishers |
| Catalina Passenger Service | Ironworkers Local Union #229 | PETCO |
| | Ironworkers Local Union #433 | |
| | Joseph Livingston & Outdoor | |

TEAMING WITH WILDLIFE

STATE ENDORSEMENTS BREAKDOWN AS OF AUGUST 31, 2009

TOP TEN

| | |
|--------------|-----|
| 1. Ohio | 555 |
| 2. Alaska | 381 |
| 3. Georgia | 324 |
| 4. Nebraska | 285 |
| 5. Arizona | 265 |
| 6. Missouri | 252 |
| 7. Iowa | 237 |
| 8. Wisconsin | 218 |
| 9. Florida | 195 |
| 10. Indiana | 181 |

| | |
|--------------------------|-----|
| 11. Pennsylvania | 181 |
| 12. Minnesota | 178 |
| 13. South Dakota | 177 |
| 14. North Carolina | 172 |
| 15. Oklahoma | 158 |
| 16. Massachusetts | 157 |
| 17. Virginia | 145 |
| 18. Maryland | 133 |
| 19. Oregon | 117 |
| 20. Montana | 116 |
| 21. Connecticut | 115 |
| 22. Tennessee | 111 |
| 23. Kansas | 111 |
| 24. Washington | 109 |
| 25. New York | 106 |
| 26. Illinois | 100 |
| 27. Texas | 104 |
| 28. Michigan | 94 |
| 29. California | 92 |
| 30. New Jersey | 81 |
| 31. West Virginia | 66 |
| 32. Idaho | 62 |
| 33. Delaware | 58 |
| 34. North Dakota | 52 |
| 35. Maine | 50 |
| 36. Alabama | 43 |
| 37. Arkansas | 39 |
| 38. Colorado | 39 |
| 39. Nevada | 38 |
| 40. New Hampshire | 35 |
| 41. Kentucky | 33 |
| 42. District Of Columbia | 30 |
| 43. Vermont | 29 |
| 44. Utah | 23 |
| 45. Mississippi | 16 |

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|--------------------|----|
| 46. South Carolina | 15 |
| 47. Louisiana | 14 |
| 48. Wyoming | 12 |
| 49. Hawaii | 13 |
| 50. New Mexico | 11 |
| 51. Rhode Island | 7 |
| 52. Barbados | 1 |
| 53. Canada | 1 |
| 54. Costa Rica | 1 |
| 55. Virgin Islands | 1 |
| 56. Guam | 0 |
| 57. Puerto Rico | 0 |



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a natural investment

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