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# California State Wildlife Action Plan

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2015 UPDATE

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A Conservation Legacy for Californians



Volume I: SWAP 2015



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*Public Draft*

# CALIFORNIA STATE WILDLIFE ACTION PLAN

## 2015 UPDATE

A Conservation Legacy for Californians



Prepared by  
**California Department of Fish and Wildlife**



With Assistance from



**Ascent Environmental, Inc.**



*Improving the Practice of Conservation*

**Foundations of Success**



**Blue Earth Consultants, LLC**

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# Acronyms and Abbreviations

|          |   |
|----------|---|
| ACE      | Areas of Conservation Emphasis                        |
| ACEC     | Areas of Critical Environmental Concern               |
| AF       | AcreFeet  |
| AFB      | Air Force Base  |
| AFRP     | Anadromous Fish Restoration Program                   |
| AFWA     | Association of Fish and Wildlife Agencies             |
| AML      | Appropriate Management Levels                         |
| BCP      | Budget Change Proposal                                |
| BDCP     | Bay Delta Conservation Plan                           |
| BIOS     | Biogeographic Information and Observation System      |
| BLM      | U.S. Bureau of Land Management                        |
| BMP      | Best Management Practices                             |
| BRBP     | Blue Ridge Berryessa Partnership                      |
| BSSC     | Bird Species of Special Concern                       |
| CAL FIRE | California Department of Forestry and Fire Protection |
| CalEMA   | California Emergency Management Agency                |
| CalEPA   | California Environmental Protection Agency            |
| CalNASP  | California National Archery in the Schools Program    |
| CalSTA   | California State Transportation Agency                |
| CalTIP   | Californians Turn in Poachers and Polluters           |
| Caltrans | California Department of Transportation               |
| CAMP     | Campaign Against Marijuana Planting                   |
| CAPP     | Conceptual Area Protection Plan                       |
| CBC      | California Biodiversity Council                       |
| CCAS     | California Climate Adaptation Strategy                |
| CDFG     | California Department of Fish and Game                |

## Acronyms and Abbreviations

|                  |  |
|------------------|--|
| CDFW             | California Department of Fish and Wildlife           |
| CDNPA            | California Desert Native Plants Act                  |
| CDOF             | California Department of Finance                     |
| CEC              | California Energy Commission                         |
| CEQA             | California Environmental Quality Act                 |
| CERES            | California Environmental Resources Evaluation System |
| CESA             | California Endangered Species Act                    |
| CFA              | Code of Federal Regulations                          |
| CHAT             | Crucial Habitat Assessment Tool                      |
| CIB              | California Interregional Blueprint                   |
| CISR             | Center for Invasive Species Research                 |
| CLNWS            | China Lake Naval Weapons Station                     |
| CNDDB            | California Natural Diversity Database                |
| CNRA             | California Natural Resources Agency                  |
| Commission       | Fish and Game Commission                             |
| CTP              | California Transportation Plan                       |
| CVFPP            | Central Valley Flood Protection Plan                 |
| CVP              | California Central Valley Project                    |
| CVPIA            | Central Valley Improvement Protection Act            |
| CWA              | Clean Water Act                                      |
| CWHR             | California Wildlife Habitat Relationships            |
| DBW              | Division of Boating and Waterways                    |
| Delta Reform Act | Sacramento-San Joaquin Delta Reform Act of 2009      |
| Delta            | Sacramento-San Joaquin Delta                         |
| DMG              | Deserts Managers Group                               |
| DOD              | U.S. Department of Defense                           |
| DOI              | U.S. Department of Interior                          |
| DOW              | Defenders of Wildlife                                |
| DRECP            | Desert Renewable Energy Conservation Plan            |
| DSC              | Delta Stewardship Council                            |

|        |  |
|--------|--|
| DSP    | Distinct Population Segment                    |
| DWR    | California Department of Water Resources       |
| EBM    | Ecosystem Biodiversity Monitoring              |
| EGPR   | Environmental Goals and Policy Report          |
| ELI    | Environmental Law Institute                    |
| ELRT   | Eagle Lake rainbow trout                       |
| ELRTCS | Eagle Lake Rainbow Trout Conservation Strategy |
| ENSO   | El Niño-Southern Oscillation                   |
| EPA    | U.S. Environmental Protection Agency           |
| ERP    | Ecosystem Restoration Program                  |
| ESA    | Endangered Species Act                         |
| ESU    | Evolutionarily Significant Unit                |
| FGC    | Fish and Game Code                             |
| FPR    | Forest Practice Regulation                     |
| FRAP   | Fire and Resource Assessment Program           |
| FRGP   | Fisheries Restoration Grants Program           |
| FRPA   | Fish Restoration Program Agreement             |
| GIS    | Geographic Information Systems                 |
| HCP    | Habitat Conservation Plan                      |
| HCPB   | Habitat Conservation Planning Branch           |
| HUC    | Hydrologic Unit Code                           |
| IEP    | Interagency Ecological Program                 |
| IID    | Imperial Irrigation District                   |
| INRMP  | Integrated Natural Resource Management Plan    |
| IPCC   | Intergovernmental Panel on Climate Change      |
| KEA    | Key Ecological Attribute                       |
| LAE    | Land Acquisition Evaluation                    |
| LCC    | Landscape Conservation Cooperative             |
| LED    | Law Enforcement Division                       |
| LMP    | Land Management Plan                           |

## Acronyms and Abbreviations

|                              |  |
|------------------------------|--|
| Lower Colorado River Program | 2005 Lower Colorado River Multi-Species Conservation Program |
| LSA                          | Lake and Streambed Alteration                                |
| MAST                         | Management, Analysis and Synthesis Team                      |
| MBTA                         | Migratory Bird Treaty Act                                    |
| MCU                          | Marine Conservation Unit                                     |
| MCS                          | Marijuana Cultivation Site                                   |
| MLPA                         | Marine Life Protection Act                                   |
| MMA                          | Marine Managed Area  |
| MMBF                         | Million Board Feet   |
| MOA                          | Memorandum of Agreement                                      |
| MOU                          | Memorandum of Understanding                                  |
| MPA                          | Marine Protected Area  |
| MSCP                         | Multiple Species Conservation Program                        |
| MSHCP                        | Multiple Species Habitat Conservation Plan                   |
| MSSC                         | Mammal Species of Special Concern                            |
| NASP                         | National Archery in the Schools Program                      |
| NCCP                         | Natural Community Conservation Plan                          |
| NEPA                         | National Environmental Policy Act                            |
| NERRS                        | National Estuarine Research Reserve System                   |
| NGO                          | Non-Governmental Organization                                |
| NMFS                         | National Marine Fisheries Service                            |
| NPDES                        | National Pollutant Discharge Elimination System              |
| NPPA                         | Native Plant Protection Act                                  |
| NPS                          | National Park Service  |
| NRCS                         | National Resource Conservation Service                       |
| NZMS                         | New Zealand mud snails                                       |
| OHV                          | Off-Highway Vehicle  |
| OPC                          | California Ocean Protection Council                          |
| OPR                          | Governor's Office of Planning and Research                   |
| OSPR                         | Office of Spill Prevention and Response                      |

|                  |  |
|------------------|--|
| OTD              | Office of Training and Development                         |
| PDO              | Pacific decadal oscillation                                |
| PLM              | Private Lands Management                                   |
| PORTS            | Parks On-line Resources for Teachers and Students          |
| PUC              | Public Utilities Commission                                |
| QSA              | Quantification Settlement Agreement                        |
| RAMP             | Regional Advance Mitigation Planning                       |
| RCD              | Resource Conservation District                             |
| RDM              | Residual Dry Matter  |
| REAT             | Renewable Energy Action Team                               |
| ROW              | Right-Of-Way   |
| SCP              | Scientific Collector's Permit                              |
| SGCN             | Species of Greatest Conservation Need                      |
| SHA              | Safe Harbor Agreement                                      |
| SHARE            | Shared Habitat Alliance for Recreational Enhancement       |
| SI               | CDFW's Science Institute                                   |
| Sierra Framework | Sierra Nevada Framework for Conservation and Collaboration |
| SJRRP            | San Joaquin River Restoration Program                      |
| SMART            | Specific, Measurable, Attainable, Relevant, and Time-Bound |
| SMCA             | State Marine Conservation Area                             |
| SMR              | State Marine Reserve                                       |
| SMRMA            | State Marine Recreational Management Area                  |
| SNEP             | Sierra Nevada Ecosystem Project                            |
| SNFPA            | Sierra Nevada Forest Plan Amendment                        |
| SRWP             | Sacramento River Watershed Program                         |
| SSC              | Species of Special Concern                                 |
| SVRA             | State Vehicular Recreation Area                            |
| SWAP             | State Wildlife Action Plan                                 |
| SWG              | State and Tribal Wildlife Grants                           |
| SWP              | State Water Project  |

## Acronyms and Abbreviations

|         |   |
|---------|---|
| SWRCB   | State Water Resources Control Board           |
| TA      | Technical Assistance                          |
| TAC     | Technical Advisory Committee                  |
| TCP     | Timberland Conservation Program               |
| TMDL    | Total maximum daily load                      |
| TNC     | The Nature Conservancy                        |
| USDA    | U.S. Department of Agriculture                |
| USFS    | U.S. Forest Service                           |
| USFWS   | U.S. Fish and Wildlife Service                |
| USGS    | U.S. Geological Survey                        |
| UTS     | Unarmored Threespine Stickleback              |
| VegCAMP | Vegetation Classification and Mapping Program |
| WCB     | Wildlife Conservation Board                   |
| WCGA    | West Coast Governors Alliance                 |
| WET     | Watershed Enforcement Team                    |
| WFL     | Wildlife Forensic Laboratory                  |
| WIL     | Wildlife Investigations Lab                   |