



10 Bibliography

Chapter 1, "Introduction and Vision"

AFWA. See Association of Fish and Wildlife Agencies.

Association of Fish and Wildlife Agencies. 2011 (April). *Measuring the Effectiveness of State Wildlife Grants. Final Report.*

_____. 2012 (November). *Best Practices for State Wildlife Action Plans. Voluntary Guidance to States for Revision and Implementation.*

Bailey, R.G. 1976. Ecoregions of the United States (map). USDA Forest Service Intermountain Region, Ogden, UT. Scale 1:7,500,000

Blue Earth Consultants. 2015. *California State Wildlife Action Plan: Implementation Evaluation 2005-2014.* Evaluation Report prepared for California Department of Fish and Wildlife.

California Biodiversity Council. 2013. Resolution by the California Biodiversity Council. Strengthening Agency Alignment for Natural Resource Conservation.

California Department of Fish and Game. 1988. *A Guide to Wildlife Habitats of California.* Edited by Kenneth E. Mayer and William F. Laudenslayer, Jr. State of California, Resources Agency, Sacramento, CA.

_____. 1995. *Fish and Game Strategic Plan.* Developed under Director Boyd Gibbons. Available: <<https://www.dfg.ca.gov/about/strategy/docs/1995-Strategic-Plan.html>>.

_____. 2005. California Wildlife: Conservation Challenges. California's Wildlife Action Plan. Prepared by the U.C. Davis Wildlife Heath Center. Bunn, D., A. Mummert, M. Hoshovsky, K. Gilardi, and S. Shanks, authors. Prepared for the California Department of Fish and Game. Sacramento, CA.

_____. 2007. *Strategic Plan Background History 1995 – 2007.* Review and Update of Strategic Plan Goals-Strategies-Initiatives. Available: <https://www.dfg.ca.gov/about/strategy/docs/SP_History.pdf>.

- _____. 2008a (June). *Strategic Initiative to Expand Scientific Capacity: Policy for Quality in Science and Key Elements of Scientific Work*.
- _____. 2008b. (January). California Marine Life Protection Act Master Plan for Marine Protected Areas. Revised Draft.
- _____. 2010 (October). Areas of Conservation Emphasis (ACE-II) Project Report.
- California Department of Fish and Wildlife. 2014 (July). Complete List of Amphibian, Reptile, Bird and Mammal Species in California. Available: <<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=87155&inline=1>>.
- California Department of Fish and Wildlife and Fish and Game Commission. 2012 (April). *California Fish and Wildlife Strategic Vision. Recommendations for Enhancing the State's Fish and Wildlife Management Agencies*. California Fish and Wildlife Strategic Vision Project. Sacramento, CA.
- California Department of Forestry and Fire Protection, Fire and Resource Assessment Program. 2010 (June). California's Forest and Rangelands: 2010 Assessment.
- California Department of Water Resources. 2013a. *California Water Plan, Update 2013*. Bulletin 160-13.
- _____. 2013b (November). *Bay Delta Conservation Plan*. Public Draft. Sacramento, CA. Prepared by ICF International (ICF 00343.12). Sacramento, CA.
- _____. 2015 (January). *Central Valley Flood System Conservation Strategy*. Draft. Sacramento, CA. Component of the Central Valley Flood Protection Plan.
- California Energy Commission, California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, and U.S. Bureau of Land Management. 2014 (September). *Draft Environmental Impact Report and Environmental Impact Statement for the California Desert Renewable Energy Conservation Plan*.
- California Hatchery Scientific Review Group. 2012. California Hatchery Review Report. Prepared for the United States Fish and Wildlife Service and Pacific States Marine Fisheries Commission. June 2012. 110 pp.
- California Natural Resources Agency. 2009. 2009 *Climate Change Adaptation Strategy*. A Report to the Governor of the State of California in Response to Executive Order S-13-2008.
- _____. 2014 (July). *Safeguarding California: Reducing Climate Risk: An update to the 2009 Climate Change Adaption Strategy*.
- CBC. See California Biodiversity Council.

CDFG. See California Department of Fish and Game.

CDFW. See California Department of Fish and Wildlife.

CEC et al. See California Energy Commission, California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, and U.S. Bureau of Land Management.

CNRA. See California Natural Resources Agency.

DWR. See California Department of Water Resources.

Governor's Office of Planning and Research. 2013 (September). *California @ 50 Million, California's Climate Future*. The Governor's Environmental Goals and Policy Report.

Grossman, G. D., P. B. Moyle, and J. R. Whitaker, Jr. 1982. Stochasticity in structural and functional characteristics of an Indiana stream fish assemblage: a test of community theory. *American Naturalist* 120:423–454.

Hughes, B. B., M. D. Levey, J. A. Brown, M. C. Fountain, A. B. Carlisle, S. Y. Litvin, C. M. Greene, W. N. Heady and M. G. Gleason. 2014. Nursery Functions of U.S. West Coast Estuaries: The State of Knowledge for Juveniles of Focal Invertebrate and Fish Species. The Nature Conservancy, Arlington, VA. 168pp.

Moyle, P.B., and L.H. Davis. 2001. A list of freshwater, anadromous, and euryhaline fishes of California. *California Fish and Game* 86:244-258.

Moyle, P. B., P. K. Crain, K. Whitener and J. F. Mount. 2003. Alien fishes in natural streams: fish distribution, assemblage structure, and conservation in the Cosumnes River, California, USA. *Environmental Biology of Fishes* 68:143-162.

National Fish, Wildlife and Plants Climate Adaptation Partnership. 2012. *National Fish, Wildlife and Plants Climate Adaptation Strategy*. Association of Fish and Wildlife Agencies, Council on Environmental Quality, Great Lakes Indian Fish and Wildlife Commission, National Oceanic and Atmospheric Administration, and U.S. Fish and Wildlife Service. Washington, DC.

OPR. See Governor's Office of Planning and Research.

PRBO Conservation Science. 2011. Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife. Version 1.0. Available: <<http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>>. Accessed January 2015.

Spencer, W.D., P. Beier, K. Penrod, K. Winters, C. Paulman, H. Rustigian-Romsos, J. Strittholt, M. Parisi, and A. Pettler. 2010. California Essential Habitat Connectivity Project: *A Strategy for Conserving a Connected California*. Prepared for California Department of Transportation, California Department of Fish and Game, and Federal Highways Administration. Available: <<https://www.wildlife.ca.gov/Conservation/Planning/Connectivity/CEHC>>. Accessed January 2015.

WCB. See Wildlife Conservation Board.

WCGA. See West Coast Governors Alliance.

West Coast Governors Alliance. 2008 (May). Agreement on Ocean Health. Action Plan. <http://www.westcoastoceans.org/action-plan-documents>

Wildlife Conservation Board. 2014 (August). *California Wildlife Conservation Board Strategic Plan*.

Wild Salmon Center. 2012. The California Salmon Stronghold Initiative. Prepared for California Department of Fish and Game on behalf of the California Stronghold Team. 87 pp.

Chapter 2, "California's Natural Diversity and Conservation Issues"

Ainsworth, Jack and Troy Doss. 1995 (August 18). *Natural History of Fire and Flood Cycles*, as presented at the Post-Fire Hazard Assessment Planning and Mitigation Workshop at the University of California Santa Barbara, CA.

Anacker, B., K. Leidholm, M. Gogol-Prokurat, S. Schoenig. 2011. *Climate Change Vulnerability Assessment of Rare Plants in California*. California Department of Fish and Wildlife. Sacramento, CA. Available: <http://climate.calcommons.org/sites/default/files/final_report_oct_29_2012%281%29.pdf>. Accessed January 2015.

Authority and Federal Railroad Administration. See California High-Speed Rail Authority and Federal Railroad Administration.

Authority and FRA. See Authority and Federal Railroad Administration.

Baker, W.L., and D.J. Shinneman. 2004. Fire and restoration of pinyon-juniper woodlands in the western United States: A review. *Forest Ecology and Management* 189:1–21.

- Balch, J. K., B.A. Bradley, C.M. D'Antonio, and J. Gómez-Dans. 2013. Introduced annual grass increases regional fire activity across the arid western USA (1980–2009). *Global Change Biology* 19: 173–183.
- Barbour, M., B. Pavlik, F. Drysdale, and S. Lindstrom. 1993. *California's Changing Landscapes: Diversity and Conservation of California Vegetation*. California Native Plant Society. Sacramento, CA.
- Barbour, M.G., J.H. Burk, and W.D. Pitts. 1980. *Terrestrial Plant Ecology*. Benjamin/Cummings Publishing Company, Menlo Park, CA.
- Batter, Tom. 2014. Drought and the Impact on California's Wildlife. CDFW Wildlife Investigations Lab, blog article. February 8, 2014. Accessed April 3, 2015.
- BBC Research & Consulting. 2011 (November 11). *California Outdoor Recreation Economic Study: Statewide Contributions and Benefits*. Prepared for the California State Parks. Available: <<http://www.parks.ca.gov/pages/795/files/ca%20outdoor%20rec%20econ%20study-statewide%2011-10-11%20for%20posting.pdf>>. Accessed January 2015.
- Bell, J.L., L.C. Sloan, and M.A. Snyder. 2004. Regional changes in extreme climatic events: A future climate scenario. *Journal of Climate* 17:81-87.
- Billé, R., R. Kelly, A. Biastoch, E. Harrould-Kolieb, D. Herr, F. Joos, K. Kroeker, D. Laffoley, A. Oschlies, and J.P. Gattuso. 2013. Taking Action Against Ocean Acidification: A Review of Management and Policy Options. *Environmental Management* 52(4):761-779.
- Bureau of Land Management. 2014. Mining & Minerals. Available: <<http://www.blm.gov/ca/st/en/prog/minerals.html>>. Accessed April 7, 2015.
- Briggs, John C. 1974. *Marine Zoogeography*. McGraw-Hill Book Company, New York. Xi, 475 pp.
- Briggs, M.K., and S. Cornelius. 1998. Opportunities for ecological improvement along the lower Colorado River and delta. *Wetlands* 18(4):513–529.
- Brooks, M.L. 1999. Alien Annual Grasses and Fire in the Mojave Desert. *Madrono* 46:13-19.
- Burcham, L.T. 1957. California range land. Center for Archaeological Research. Publication Number 7. University of California, Davis, CA.
- Busch, D.C., and S.D. Smith. 1995. Mechanisms associated with decline of woody species in riparian ecosystems of the southwest U.S. *Ecological Monographs* 65(3):347–371.
- CalEMA. See California Emergency Management Agency.
- CalEPA. See California Environmental Protection Agency.

CAL FIRE. See California Department of Forestry and Fire Protection.

California Coastal Conservancy. 2001. *Southern California Wetlands Recovery Project Regional Strategy*. Oakland, CA. Available: <http://www.sccwrp.org/regional_strategy.htm>. Accessed January 2015.

California Department of Finance. 2005. California population estimates, with components of change and crude rates, July 1, 1941-2004. Available: <http://www.dof.ca.gov/html/demograp/e-7_Jul04.xls>. Accessed January 23, 2015.

_____. 2014a (December). California County Population Estimates and Components of Change by Year, July 1, 2010-2014. Sacramento, CA.

_____. 2014b. Press Release, California Grew By 256,000 Residents in 2013. Release April 30, 2013. Available: <<http://www.dof.ca.gov/research/demographic/>>. Accessed January 23, 2015.

_____. 2014c. (December). *California Total Population Projections 2010 – 2060*. Report P-1. Available: <<http://www.dof.ca.gov/research/demographic/reports/projections/P-1/>>. Accessed January 23, 2015.

California Department of Fish and Game. 1996. *Steelhead Restoration and Management Plan*. Sacramento, CA. Available: <<http://www.dfg.ca.gov/nafwb/pubs/swshplan.pdf>>. Accessed January 2015.

_____. 2003. *Atlas of the Biodiversity of California*. Sacramento, CA.

_____. 2004a. *Habitat Water Supply Management Plan for the Adjudicated Area of the Mojave River Basin, San Bernardino, California*.

_____. 2004b. *Recovery Strategy for California Coho Salmon (Oncorhynchus kisutch)*. A report to the California Fish and Game Commission. Species Recovery Strategy 2004-1. Sacramento. Available: <<http://www.dfg.ca.gov/nafwb/CohoRecovery/RecoveryStrategy.html>>. Accessed January 2015.

_____. 2008. *Complete List of Amphibian, Reptile, Bird and Mammal Species in California*. Available: <http://www.dfg.ca.gov/biogeodata/cwhr/pdfs/species_list.pdf>. Accessed January 2015.

_____. 2011 (December). *Grey Wolves in California, an Evaluation of Historical Information, Current Conditions, Potential Natural Recolonization and Management Implications*.

California Department of Fish and Wildlife. 2014a. California Wildlife Habitat Relationships database. Available: <<http://www.dfg.ca.gov/biogeodata/>>. Accessed December 2014.

- _____. 2014b. Complete List of Amphibian, Reptile, Bird and Mammal Species in California. Available: <<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=87155&inline=1>>
- _____. 2015. California's Vernal Pools. Webpage. Available: <<https://www.wildlife.ca.gov/Conservation/Plants/Vernal-Pools>>. Accessed January 27, 2015.
- California Department of Forestry and Fire Protection. 2010 (June 18). *California's Forests and Rangelands: 2010 Assessment*.
- _____. 2014 (October 6). Top 20 Largest California Wildfires. Available: <http://www.fire.ca.gov/communications/downloads/fact_sheets/20lacs.pdf>. Accessed January 2015.
- _____. 2015. Top 20 Largest California Wildfires. Available: <http://www.fire.ca.gov/communications/downloads/fact_sheets/20lacs.pdf>. Accessed January 27, 2015.
- California Department of Transportation. 2015. *California Transportation Plan 2040*. Available: <<http://www.dot.ca.gov/hq/tpp/californiatransportationplan2040/index.shtml>>. Accessed January 27, 2015.
- California Department of Water Resources. 2008 (October). *Managing an Uncertain Future: Climate Change Adaptation*. Available: <<http://www.water.ca.gov/climatechange/docs/ClimateChangeWhitePaper.pdf>>. Accessed March 17, 2015.
- _____. 2013a. Final State Water Project Delivery Reliability Report 2013 and Technical Addendum. Available: <<http://baydeltaoffice.water.ca.gov/swpreliability/>>. Accessed January 27, 2015.
- _____. 2013b. *California Water Plan Update, Volume 1*. Sacramento, CA. Available at: <<http://www.waterplan.water.ca.gov/docs/cwpu2013/Final/0a-Vol1-full2.pdf>>. Accessed January 2015.
- _____. 2015. Where Rivers Meet- The Sacramento-San Joaquin Delta. Available: <<http://www.water.ca.gov/swp/delta.cfm>>. Accessed January 27, 2015.
- California Emergency Management Agency. 2012. *California Adaptation Planning Guide: Understanding Local and Regional Characteristics*.
- California Energy Commission. 2011 (August). *Preliminary California Energy Demand Forecast 2012-2022*. California Energy Commission Draft Staff Report CEC-200-201-011-SD.

- _____. 2012a. *Our Changing Climate: Vulnerability & Adaptation to the Increasing Risks of Climate Change in California*. Available: <<http://www.energy.ca.gov/2012publications/CEC-500-2012-007/CEC-500-2012-007.pdf>>. Accessed December 27, 2014.
- _____. 2012b. *Bioenergy Action Plan*. Efficiency and Renewables Division. Available: <<http://www.energy.ca.gov/2011publications/CEC-300-2011-001/CEC-300-2011-001-CTF.PDF>>. Accessed January 27, 2015.
- _____. 2014a. *Energy Almanac*. Available: <<http://energyalmanac.ca.gov/electricity/>>. Accessed January 2015.
- _____. 2014b California Wind Resource Potential. Available: <http://www.energy.ca.gov/maps/renewable/wind_potential.html>. Accessed January 2015.
- California Environmental Protection Agency. 2015. How much wetland area gas California lost? California Water Quality Monitoring Council website. Accessed 4/5/15. Available: <http://www.mywaterquality.ca.gov/eco_health/wetlands/extent/loss.shtml>
- California Environmental Resources Evaluation System. 2014 (December). California Bioregions. Available: <http://ceres.ca.gov/geo_area/bioregions>. Accessed January 2015.
- California High-Speed Rail Authority and Federal Railroad Administration. 2005 (August). *Final Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the Proposed California High-Speed Train System*. Sacramento, CA, and Washington, DC. Available: <http://www.cahighspeedrail.ca.gov/Statewide_Program_Environmental_Reports_EIR_EIS.aspx>.
- California Natural Resources Agency. 2009. *2009 California Climate Adaptation Strategy*. Available: <http://resources.ca.gov/docs/climate/Statewide_Adaptation_Strategy.pdf>.
- _____. 2014. *Safeguarding California Plan*. Available: <<http://resources.ca.gov/climate/safeguarding/>>.
- California Ocean Protection Council. 2013 (March). *State of California Sea-Level Rise Guidance Document*. Available: <<http://www.opc.ca.gov/2013/04/update-to-the-sea-level-rise-guidance-document/>>. Accessed December 17, 2014.
- California Public Utilities Commission. 2014. *Renewables Portfolio Standard Quarterly Report, Third Quarter 2014*. Available: <<http://www.cpuc.ca.gov/PUC/energy/Renewables/>>. Accessed December 2014.
- California Sea Grant. 2013. Statewide Commercial Fishery Activity. Available: <<https://caseagrants.ucsd.edu/project/discover-california-commercial-fisheries/statewide-commercial-fishery-activity>>. Accessed April 7, 2015.

- Caltrans. See California Department of Transportation.
- Cameron, Dr., Marty J, and R.F. Holland. 2014. Whither the Rangeland?: Protection and Conversion in California's Rangeland Ecosystems. *PLoS ONE* 9(8): e103468. doi:10.1371/journal.pone.0103468
- Cayan, D. R., E. P. Maurer, M. D. Dettinger, M. Tyree, and K. Hayhoe. 2008. "Climate Change Scenarios for the California Region." *Climatic Change* 87 (Suppl 1): S21-S42.
- CDFG. See California Department of Fish and Game.
- CDFW. See California Department of Fish and Wildlife.
- CDOF. See California Department of Finance.
- CEC. See California Energy Commission.
- CERES. See California Environmental Resources Evaluation System.
- Clifford, D.L., L. Woods, M.W. Gabriel, J. Rudd, E.J. Dubovi, K. Terio, F. Uzal, A. Nyaoke, A. de la Mora, S. Diab, M.T. Massar, B.L. Cypher, T.B. Darden, M. Rodriguez, A. Gonzales. 2012. Canine distemper outbreak in free-ranging desert kit foxes inhabiting a solar energy development zone. Abstracts of the Western Section Wildlife Society Annual Meeting, Sacramento, CA, January 29 - February 1.
- Cohen, A. N., and J.T. Carlton. 1998. Accelerating invasion rate in a highly invaded estuary. *Science* 279:555-558.
- Conservation International. 2015. Biodiversity hotspots: California floristic province.
- Dahl, T.E. and C.E. Johnson. 1991. Status and Trends of Wetlands in the Conterminous United States, Mid-1970's to Mid-1980's. U.S. Fish and Wildlife Service, Washington, D.C. 28 pp.
- DWR. See California Department of Water Resources.
- EPA. See U.S. Environmental Protection Agency.
- Faber, .M. (ed.) 1997. Special symposium, Issue on Monterey Pine. *Fremontia* 25(2):1-36.
- Farallones Marine Sanctuary Association. 2014. Website. Available: <http://www.farallones.org/about_us/index.php>. Accessed December 2014.
- Feely, R.A., T. Klinger, J.A. Newton, and M. Chadsey (2012): *Scientific Summary of Ocean Acidification in Washington State Marine Waters*. NOAA OAR Special Report.

- Ferren, W.R., P.L. Fiedler, and R.A. Leidy. 1996. Wetlands of the Central and Southern California Coast and Coastal Watersheds, a Methodology for their Classification and Description. Final Report Prepared for the U.S. Environmental Protection Agency. San Francisco, CA.
- Field, C.B., G.C. Daily, F.W. Davis, S. Gaines, P.A. Matson, J. Melack, and N.L. Miller, 1999. Confronting Climate Change in California: Ecological Impacts on the Golden State. Union of Concerned Scientists, Cambridge, MA and Ecological Society of America, Washington, D.C.
- Ford, L.S., and D.C. Cannatella. 1993. The Major Clades of Frogs. *Herpetological Monographs* 7:94–117.
- Gardali, T., N.E. Seavy, R.T. DiGaudio, and L.A. Comrack. 2012. A Climate Change Vulnerability Assessment of California's At-Risk Birds. *PLoS ONE* 7(3): e29507. doi:10.1371/journal.pone.0029507.
- Garone, Philip F. 2011 (March). *The Fall and Rise of the Wetlands of California's Great Central Valley*. University of California Press.
- Grissino-Mayer, H.D., and T.W. Swetnam. 2000. Century-scale climate forcing of fire regimes in the American southwest. *The Holocene* 10:213–220.
- Governor's Office of Planning and Research. 2013 (September). *California @ 50 Million, California's Climate Future*. The Governor's Environmental Goals and Policy Report.
- Halsey, R.W. 2004. *Fire, Chaparral, and Survival in Southern California*. Sunbelt Publications. San Diego, CA.
- Hammerson, G. 2008. *Rana muscosa*. In: IUCN 2013. IUCN Red List of Threatened Species. Version 2013.1.
- Hendricks, D.M, editor. 1985. Arizona Soils. College of Agriculture. Available: <<http://southwest.library.arizona.edu/azso/>>.
- Huford, W. David and Thomas Gardali, editors. 2008. California Bird Species of Special Concern: A ranked assessment of species, subspecies, and distinct populations of birds of immediate conservation concern in California. Studies of Western Birds 1, Western Field Ornithologists, Camarillo, California and California Department of Fish and Game.
- Imperial Irrigation District. 2015. Salton Sea Restoration & Renewable Energy. Available: <<http://www.iid.com/index.aspx?page=663> Initiative>. Accessed January 28, 2015.
- Intergovernmental Panel on Climate Change. 2014 (November). Climate Change 2014 Synthesis Report: Approved Summary for Policymakers. Available: <<http://www.ipcc.ch/>>. Accessed November 10, 2014.

- Jensen, Deborah B., Margaret S. Torn, and John Harte. In *Our Own Hands: A Strategy for Conserving California's Biological Diversity*. Berkeley: University of California Press, 1993. Available: <<http://ark.cdlib.org/ark:/13030/ft6k4007vz/>>.
- Kagan, Rebecca A., Tabatha C. Viner, Pepper W. Trail, and Edgar O. Espinoza. 2014 (April). *Avian Mortality at Solar Energy Facilities in Southern California: A Preliminary Analysis*. National Fish and Wildlife Forensics Laboratory.
- Kauffman, B.J. 2004. Death rides the forest: Perceptions of fire, land use, and ecological restoration of western forests. *Conservation Biology* 18(4):878–882.
- Keeley, J.E., G.H. Aplet, N.L. Christensen, S.G. Conard, E.A. Johnson, P.N. Omi, D.L. Peterson, and T.W. Swetnam. 2009. Ecological Foundations for Fire Management in North American Forest and Shrubland Ecosystems. USFS General Technical Report PNW-GTR-779.
- Keeley, J.E. 2009. Fire intensity, fire severity and burn severity: A brief review and suggested usage. *International Journal of Wildland Fire* 18:116-126. doi: 10.1071/WF07049.
- Kumar, Parmesh and S.C. Pasahan. 1993. Effect of abiotic factors on the burrow density of some sympatric field murids. *J. Biosci* 18(1):149-153.
- Lambert, Adam M., Carla M. D'Antonio, and Tom L. Dudley. 2010. Invasive Species and Fire in the California Ecosystems. *Fremontia* 38:2/38/3 April 2010/July 2013.
- Largier, J., B. Cheng, and K. Higgason (editors). 2010 (June). Climate Change Impacts: Report of a Joint Working Group of the Gulf of the Farallones and Cordell Bank National Marine Sanctuaries Advisory Councils. Available: <http://farallones.noaa.gov/manage/climate/pdf/climate_report.pdf>. Accessed March 27, 2015.
- Lovich, J.E. and J.R. Ennen. 2013. Assessing the state of knowledge of utility-scale wind energy development and operation on non-volant terrestrial and marine wildlife. *Elsevier* 103:52-60.
- Marty, Jaymee T. 2004 (October 11). Effects of Cattle Grazing on Diversity in Ephemeral Wetlands. *Conservation Biology* 19(5):1626–1632. DOI: 10.1111/j.1523-1739.2005.00198.x.
- Matek, Benjamin and Karl Gawelle. 2014 (February). *Report of the State of Geothermal Energy in California*. Geothermal Energy Association.
- Miller, C. Dan. 1989. Potential Hazards from Future Volcanic Eruptions in California: USGS Bulletin 1847, 17 pp.

- Morgan, Todd A.; Brandt, Jason P.; Songster, Kathleen E.; Keegan, Charles E., III; Christensen, Glenn A. 2012. California's forest products industry and timber harvest, 2006. Gen. Tech. Rep. PNW-GTR-866. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 48 pp.
- Moyle, P.B., and L.H. Davis. 2001. A list of freshwater, anadromous, and euryhaline fishes of California. *California Fish and Game* 86:244-258.
- Moyle, P.B., J.E. Williams, and E.D. Wikramanayake. 1989. Fish species of special concern of California. California Department of Fish and Game, Sacramento, CA. 222 pp.
- Moyle, Peter B., Joseph D. Kiernan, Patrick K. Crain, and Rebecca M. Quiñones (University of California, Davis). 2012. *Projected Effects of Future Climates on Freshwater Fishes of California*. California Energy Commission. Publication number: CEC-500-2012-028. Available: <<http://www.energy.ca.gov/2012publications/CEC-500-2012-028/CEC-500-2012-028.pdf>>. Accessed March 30, 2015.
- Moyle, Peter. 2015 (March 8). Prepare for Extinction of Delta Smelt. Posted by UC Davis Center for Watershed Science on California Water Blog. Accessed April 3, 2015.
- Myers, N.R., C. Mittermeier, G. Mittermeier, G. da Fonseca, and J. Kent. 2000. Biodiversity hotspots for conservation priorities. *Nature* 403:853-858.
- National Estuarine Research Reserve System. 2015. NERRS Reserves: Elkhorn Slough. Webpage, Available: <<http://nerrs.noaa.gov/Reserve.aspx?ResID=ELK>>. Accessed January 27, 2015.
- National Fish, Wildlife and Plants Climate Adaptation Partnership. 2012. National Fish, Wildlife and Plants Climate Adaptation Strategy. Association of Fish and Wildlife Agencies, Council on Environmental Quality, Great Lakes Indian Fish and Wildlife Commission, National Oceanic and Atmospheric Administration, and U.S. Fish and Wildlife Service. Washington, D.C. Available: <<http://www.wildlifeadaptationstrategy.gov/pdf/NFWPCAS-Final.pdf>>.
- Newcombe, C.P. 2003. Impact assessment model for clear water fishes exposed to excessively cloudy water. *Journal of the American Water Resources Association* 39(3):529-544.
- NERRS see National Estuarine Research Reserve System.
- Office of Planning and Research. 2013a. *Draft Environmental Goals and Policy Report*. Available: <http://www.opr.ca.gov/s_egpr.php>. Accessed January 15, 2015
- _____. 2013b (September). California @ 50 Million, California's Climate Future. The Governor's Environmental Goals and Policy Report.

OPR. See Governor's Office of Planning and Research.

Papenfuss, Theodore J. and James F. Parham. 2013. Four New Species of California Legless Lizards (Anniella). *Breviora* 536:1-17. Published by: Museum of Comparative Zoology, Harvard University. Available: <<http://www.bioone.org/doi/abs/10.3099/MCZ10.1>>.

Parmesh K. and S.C. Pasahan. 1993. Effect of abiotic factors on the burrow density of some sympatric field murids. *Journal of Bioscience* 18:149-153.

Perlman, David. 2014 (July 24). "Blue whales off coast could be protected by new shipping lanes." SF Gate. Available: <<http://www.sfgate.com/science/article/Whale-migration-patterns-could-help-set-new-5644565.php>>.

Pierce, B.M., V.C. Bleich, and R.T. Bowyer. 2000. Prey selection by mountain lions and coyotes: effects of hunting style, body size, and reproductive status. *Journal of Mammalogy* 81:462-472.

Pierzynski, G. M. 2000. Soils and Environmental Quality. Second Edition. CRC Press.

Pitt, J. 2001. Can we restore the Colorado River delta? *Journal of Arid Environments* 49:211-220.

Pimentel, D., L. Lach, R. Zuniga, and D. Morrison. 1999 (June 12). Environmental and Economic Costs Associated with Non-Indigenous Species in the United States. *Cornell Chronical*. Available: <<http://www.news.cornell.edu/stories/1999/01/environmental-and-economic-costs-associated-non-indigenous-species>>. Accessed January 19, 2015.

Poff, N. LeRoy, J. David Allen, Mark B. Bain, James R. Karr, Karen L. Prestegard, Brian D. Richter, Richard E. Sparks, and Julie C. Stromberg. 1997. The Natural Flow Regime: A Paradigm for River Conservation and Restoration. *BioScience* 47(11).

Pollak, D. 2001. The future of habitat conservation? The NCCP experience in Southern California. A report to the California Research Bureau, California State Library.

Poole, A. and F. Gill, eds. 2002. *The Birds of North America*, No. 610. Philadelphia: The Academy of Natural Sciences.

PRBO Conservation Science. 2011. Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife. Version 1.0. Available: <<http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>>.

PUC. See California Public Utilities Commission.

Rocky Mountain Tree-Ring Research Center. 2012. Old List database of ancient trees. Available: <<http://www.rmtrr.org/oldlist.htm>>. Accessed January 20, 2015.

- Sacramento River Watershed Program. 2015. A roadmap to Watershed Management: Sacramento River Basin. Available: <<http://www.sacriver.org/aboutwatershed/roadmap/sacramento-river-basin>>. Accessed January 27, 2015.
- Safford, H.D., and K.M. Van de Water. 2014. Using Fire Return Interval Departure (FRID) Analysis to Map Spatial and Temporal Changes in Fire Frequency on National Forest Lands in California. USDA Forest Service Pacific Southwest Research Station. Research Paper PSW-RP-266.
- Sandel, B. and E.M. Dangermond. 2011. Climate change and the invasion of California by grasses. *Global Change Biology* 18(1):277-289.
- Sawyer, J.O., T. Keeler-Wolf, and J.M. Evens. 2009. *A Manual of California Vegetation – Second Edition*. California Native Plant Society Press, Sacramento, CA. 1,300 pp.
- Schwartz, M.K., K.B. Aubry, K.S. Mckelvey, K.L. Pilgrim, J.P. Copeland, J.R. Squires, R.M. Inman, S.M. Wisley, and L.F. Ruggiero. 2007. Inferring geographic isolation of wolverines in California using historical DNA. *Journal of Wildlife Management* 71(7):2179-2179.
- Shuford, W.D., and T. Gardali, editors. 2008. California Bird Species of Special Concern: A ranked assessment of species, subspecies, and distinct populations of birds of immediate conservation concern in California. Studies of Western Birds 1. Western Field Ornithologists, Camarillo, CA and California Department of Fish and Game, Sacramento, CA.
- Smical, Ana-Irina, Vasile Hotea, Vasile Oros, Jozsef Juhasz, and Elena Pop. 2008. Studies on transfer and bioaccumulation of heavy metals from soil into lettuce. *Environmental Engineering and Management Journal* 7(5):609-615.
- Spencer, W.D., P. Beier, K. Penrod, K. Winters, C. Paulman, H. Rustigian-Romsos, J. Strittholt, M. Parisi, and A. Pettler. 2010. California Essential Habitat Connectivity Project: *A Strategy for Conserving a Connected California*. Prepared for California Department of Transportation, California Department of Fish and Game, and Federal Highways Administration. Available: <<https://www.wildlife.ca.gov/Conservation/Planning/Connectivity/CEHC>>. Accessed January 2015.
- Stebbins, R.C. 2003. *A Field Guide to Western Reptiles and Amphibians*. 3d ed. Boston: Houghton Mifflin.
- Stein, B.A., L.S. Kutner, and J.S. Adams. 2000. *Precious heritage: The status of biodiversity in the United States*. A joint project of The Nature Conservancy and Association for Biodiversity Information. New York: Oxford University Press.

- Stephenson, J.R., and G.M. Calcarone. 1999. Southern California mountains and foothills assessment: Habitat and species conservation issues. General Technical Report GTR-PSW-175. A report of the Pacific Southwest Research Station, U.S. Forest Service and U.S. Department of Agriculture. Albany, NY.
- Sugihara, N.G., J.W. Wagtendonk, K.E. Shaffer, J. Fites-Kaufmen, and A.E. Thode. 2006. *Fire in California Ecosystems*. University of California Press, Berkeley and Los Angeles, CA.
- SRWP. See Sacramento River Watershed Program.
- Tarr, Matt and Kimberly J. Babbitt. 2012. The Importance of Hydroperiod in Wetland Assessment: A guide for community officials, planners, and natural resource professionals. University of New Hampshire Cooperative Extension.
- Taylor, Steven N. 1978. The Status of Salmon Populations in California Coastal Rivers. California Department of Fish and Game.
- Thomson, R.C., Amber N. Wright, and H. Bradley Shaffer. 2012. DRAFT: California Amphibian and Reptile Species of Special Concern.
- Thorne, J. H., R. M. Boynton, L. E. Flint, and A. L. Flint. 2015. The magnitude and spatial patterns of historical and future hydrologic change in California's watersheds. *Ecosphere* 6(2):24. Available: <<http://dx.doi.org/10.1890/ES14-00300.1>>. Accessed February 13, 2015.
- University of California, Berkeley. 2014. Jepson Flora Project (eds.) Jepson eFlora. Available: <<http://ucjeps.berkeley.edu/IJM.html>>. Accessed December 28, 2014.
- U.S. Department of Agriculture. 2014. *California Drought 2014: Farm and Food Impacts*. Available: <<http://ers.usda.gov/topics/in-the-news/california-drought-2014-farm-and-food-impacts.aspx>>. Accessed January 20, 2014.
- _____. 2015. *Farmers Offered Funding To Help With Nesting Tricolored Blackbirds In Their Fields*. News Release, January 21, 2015 Available: <<http://www.nrcs.usda.gov/wps/portal/nrcs/detail/ca/home/?cid=STELPRDB1268494>>.
- U.S. Energy Information Administration. 2011. *Review of Emerging Resources: U.S. Shale Gas and Shale Oil Plays*. U.S. Department of Energy. Washington DC. Available: <<http://www.eia.gov/analysis/studies/usshalegas/pdf/usshaleplays.pdf>>.
- U.S. Environmental Protection Agency (2009). A framework for categorizing the relative vulnerability of threatened and endangered species to climate change (External Review Draft) Washington, DC: National Center for Environmental Assessment. EPA/600/R-09/011.
- U.S. Fish and Wildlife Service. 1997. *Recovery Plan for the Marbled Murrelet (Brachyramphus marmoratus) in Washington, Oregon, and California*. Portland, OR.

- _____. 1998. *Recovery Plan for Insect and Plant Taxa from the Santa Cruz Mountains in California*. Portland, OR. 21 pp. Available: <http://www.fws.gov/ecos/ajax/docs/recovery_plan/980928a.pdf>
- _____. 2005a *Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon*. Portland, OR. xxvi + 606 pp. Available: <http://www.fws.gov/sacramento/es/Recovery-Planning/Vernal-Pool/es_recovery_vernal-pool-recovery.htm>.
- _____. 2005b. Final determination concerning critical habitat for the San Miguel Island fox, Santa Rosa Island fox, Santa Cruz Island fox, and Santa Catalina Island fox: California/Nevada. (Region 8) [70 FR 67924 67929]. Available: <<http://ecos.fws.gov/speciesProfile/profile/speciesProfile?sPCODE=A08K>>. Accessed January 27, 2015.
- _____. 2006. *San Joaquin River National Wildlife Refuge; Final Comprehensive Conservation Plan*. Los Baños and Sacramento, CA.
- _____. 2014a (September 17). Withdrawal of the Proposed Rule to Remove the Valley Elderberry Longhorn Beetle from the Federal List of Endangered and Threatened Wildlife. *Federal Register* 79 FR 55879 55917.
- _____. 2014b. Arroyo Toad (*Anaxyrus californicus*) species report. Ventura Fish and Wildlife Office, Ventura, California. Available: <<http://www.fws.gov/ventura/docs/species/at/Arroyo%20Toad%20Final%20Species%20Report.pdf>>.
- U.S. Geologic Survey. 2014. Land Cover Trends Project: Central Valley Report. Available: <<http://landcover Trends.usgs.gov/west/eco7Report.html>>. Accessed April 3, 2015.
- USFWS. See U.S. Fish and Wildlife Service
- USGS. See U.S. Geologic Survey
- Vasek, F.C. and R.F. Thorne. 1988. Transmontaine Coniferous Vegetation. In Barbour, M.G. & Major, J. (eds) *Terrestrial Vegetation of California*, 2nd Ed: 797-834, Sacramento, CA: California Native Plant Society.
- Verschuy, J., S. Riffell, D. Miller, and T.B. Wigley. 2010. Biodiversity response to intensive biomass production from forest thinning in North American forests – A meta-analysis. *Forest Ecology and Management* 261:221-232.
- Warren, Dan L., Amber N. Wright, Stephanie N. Seifert, and H. Bradley Shaffer. 2014. Incorporating model complexity and spatial sampling bias into ecological niche models of climate change risks faced by 90 California vertebrate species of concern. *Diversity and Distributions* 20: 334-343.

- Willis, A.D., M. Deas, C. Jeffres, J.F. Mount, P.B. Moyle, and A.L. Nichols. 2011. Executive Analysis of Restoration Actions in Big Springs Creek March 2008-September 2011. University of California, Davis, CA. Available: <http://watershed.ucdavis.edu/pdf/Willis_etal_2012.pdf>.
- Willoughby, J. 2011. *Why is the Flora of California So Diverse?* Presentation for the Center for Plant Conservation. Available: <<http://www.centerforplantconservation.org/caspecialedition/caspecialedition.asp>>.
- Williams, D.F. 1986. *Mammalian species of Special Concern in California*. California Department of Fish and Game, Wildlife Management Report, Division Administration Report 86-1.
- Williams, D.F., E.A. Cypher, P.A. Kelly, K.J. Miller, N. Norvell, S.F. Phillips, C.D. Johnson, and G.W. Colliver. 1998. *Recovery Plan for Upland Species of the San Joaquin Valley, California*. U.S. Fish and Wildlife Service. Region 1, Portland, OR. 85-96.
- Wright, Amber N., Robert J. Hijmans, Mark W Schwartz, and H. Bradley Shaffer. 2013. California Amphibian and Reptile Species of Future Concern: Conservation and Climate Change. Final Report to the California Department of Fish and Wildlife Nongame Wildlife Program, Task 12, Contract No. P0685904.
- Wiyot Tribe. 2010. Pacific lamprey in the Eel River basin: a summary of current information and identification of research needs. Prepared by Stillwater Sciences, Arcata, California for Wiyot Tribe, Loleta, California.
- Zeiner, D.C., W.F. Laudenslayer, Jr., K.E. Mayer, and M. White, eds. 1990. California's wildlife, volume III: Mammals. California Department of Fish and Game, Wildlife Habitat Relationships System. Available: <<http://www.dfg.ca.gov/bdb/html/M183.html>>.

Chapter 3, "Existing Conservation Approaches"

- Bauer, Scott, Jennifer Olson, Adam Cockrill, Michael van Hatter, Linda Miller, Margaret Tauzer, and Gordon Leppig. 2015. Impacts of Surface Water Diversions for Marijuana Cultivation on Aquatic Habitat in Four Northwestern California Watersheds. PLoS ONE 10(3): e0120016. doi:10.1371/journal.pone.0120016.
- California Department of Fish and Game. 2008 (January). California Marine Life Protection Act Master Plan for Marine Protected Areas. Revised Draft.
- _____. 2010 (October). Areas of Conservation Emphasis (ACE-II) Project Report.
- California Department of Fish and Game and California Department of Transportation. 2010 (February). California Essential Habitat Connectivity Project: A Strategy for Conserving a Connected California.
- California Department of Fish and Wildlife. 2013 (May 7). Marine Protected Areas Update.

- _____. 2014a (October 1). Guide to the Northern California Marine Protected Areas. Marine Region, Monterey, CA.
- _____. 2014b (October 1). Guide to the North Central California Marine Protected Areas. Marine Region, Monterey, CA.
- _____. 2014c (October 1). Guide to the Central California Marine Protected Areas. Marine Region, Monterey, CA.
- _____. 2014d (October 1). Guide to the Southern California Marine Protected Areas. Marine Region, Monterey, CA.

CAL FIRE. See California Department of Forestry and Fire Protection.

CDFG. See California Department of Fish and Game.

CDFG and Caltrans. See California Department of Fish and Game and California Department of Transportation.

CDFW. See California Department of Fish and Wildlife.

Fire and Resources Assessment Program and California Department of Forestry and Fire Protection. 2010 (June). California's Forests and Rangelands: 2010 Assessment. Fire and Resources Assessment Program.

FRAP. See California Department of Forestry and Fire Protection, Fire and Resource Assessment Program.

FRAP and CAL FIRE. See Fire and Resources Assessment Program and California Department of Forestry and Fire Protection.

WCB. See Wildlife Conservation Board.

Wildlife Conservation Board. 2012. Wildlife Conservation Board 2012 Annual Report.

_____. 2014 (August). California Wildlife Conservation Board Strategic Plan 2014.

Chapter 4, "Statewide Conservation Strategies"

Association of Fish and Wildlife Agencies. 2011 (April). Measuring the Effectiveness of State Wildlife Grants. Final Report.

Section 5.1, "North Coast and Klamath Province"

Bell, J.L., L.C. Sloan, and M.A. Snyder. 2004. Regional changes in extreme climatic events: A future climate scenario. *Journal of Climate* 17:81-87.

- Bossard, C., J.M. Randall, and M. Hoshovsky, eds. 2000. *Invasive plants of California's wildlands*. Berkeley: University of California Press. Available: <http://groups.ucanr.org/ceppc/Invasive_Plants_of_California's_Wildlands/>.
- Bauer S, A. Cockrill, and J. Olson. 2013. Impacts of Surface Water Diversions for Marijuana Cultivation on Aquatic Habitats in Four Northwestern California Streams. Slideshow. Region 1, Coastal Conservation Planning. California Department of Fish and Wildlife, Habitat Conservation Branch. Available at: http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/twentytwo_mj_impacts.pdf>.
- Bauer S, J. Olson, A. Cockrill, M. Van Hattem, L. Miller, and M. Tauzer. 2015. Impacts of Surface Water Diversions for Marijuana Cultivation on Aquatic Habitat in Four Northwestern California Watersheds. *PLoS ONE* 10(3).
- California Department of Conservation. 2002. Farmland Mapping and Monitoring Program. GIS dataset: Farmland Mapping (Agricultural Land Use).
- California Department of Fish and Game. 1988. A Guide to Wildlife Habitats of California. Edited by Kenneth E. Mayer and William F. Laudenslayer, Jr. State of California, Resources Agency, Sacramento, CA.
- _____. 2003. September 2002 Klamath River fish-kill: Preliminary analysis of contributing factors. Northern California–North Coast Region. Available: <<http://www.pcffa.org/KlamFishKillFactorsDFGReport.pdf>>.
- _____. 2004. Recovery strategy for California coho salmon (*Oncorhynchus kisutch*). A report to the California Fish and Game Commission. Species Recovery Strategy 2004-1. Sacramento. Available: <<http://www.dfg.ca.gov/nafwb/CohoRecovery/RecoveryStrategy.html>>.
- _____. 2005. The status of rare, threatened, and endangered plants and animals of California 2000–2004. Sacramento. Available: <https://www.dfg.ca.gov/wildlife/nongame/t_e_spp/new_te_rpt.html>.
- _____. 2008 (January). California Aquatic Invasive Species Management Plan. State of California Resources Agency Department of Fish and Game. Sacramento, California.
- _____. 2014. Quagga and Zebra Mussel Sighting Distribution in California, 2007-2014. Available: <<http://nas.er.usgs.gov/taxgroup/mollusks/zebramussel/maps/CaliforniaDreissenaMap.jpg>>.
- _____. 2015 (January 23). Multi-agency Cannabis Pilot Project Finishes Successful Three-Day Inspection of Marijuana Grows in Eel River Watershed. CDFW News. Available: <<https://cdfgnews.wordpress.com/2015/01/23/multi-agency-cannabis-pilot-project-finishes-successful-three-day-inspection-of-marijuana-grows-in-eel-river-watershed/>>.

- California Department of Forestry and Fire Protection, Fire and Resource Assessment Program. 2003. *The Changing California. Forest and Range 2003 Assessment*. Sacramento. Available: <<http://frap.fire.ca.gov/data/assessment2003/index.html>>.
- California Department of Water Resources. 2005. *California Water Plan Update 2005. A Framework for Action*. Sacramento. Available: <<http://www.waterplan.water.ca.gov/b160/workgroups/chapterreviewgroup.htm>>.
- California Emergency Management Agency. 2012. *California Adaptation Planning Guide: Understanding Local and Regional Characteristics*.
- California Ocean Protection Council. 2013 (March). *State of California Sea-Level Rise Guidance Document*. Available: <<http://www.opc.ca.gov/2013/04/update-to-the-sea-level-rise-guidance-document/>>. Accessed December 17, 2014.
- California State Lands Commission. 1993. California's rivers: A public trust report. Available: <http://elib.cs.berkeley.edu/cgi-bin/doc_home?elib_id=1446>.
- California State Water Resources Control Board. 2014. Strategy – Regulation and Enforcement of Unauthorized Diversions; Discharges of Waste to Surface and Groundwater Caused by Marijuana Cultivation. Also authored by California Regional Water Quality Control Boards, and the California Department of Fish and Wildlife. Available: <http://www.swrcb.ca.gov/water_issues/programs/enforcement/docs/2014strategicplan_wbcdfw.PDF>. Accessed March 24, 2015.
- CalEMA. See California Emergency Management Agency.
- CAMP. See Campaign Against Marijuana Planting.
- Campaign Against Marijuana Planting. 2009. 2009 Campaign Against Marijuana Planting, Statistics. Available: <<http://library.humboldt.edu/humco/holdings/CAMP/CAMP2009.pdf>>.
- Cayan, D. R., E. P. Maurer, M. D. Dettinger, M. Tyree, and K. Hayhoe. 2008. "Climate Change Scenarios for the California Region." *Climatic Change* 87 (Suppl 1):S21-S42.
- CDFG. See California Department of Fish and Game.
- CDFW. See California Department of Fish and Wildlife.
- CISR. See Center for Invasive Species Research.
- Center for Invasive Species Research. 2011. Distribution of New Zealand Mud Snail in California. Map. Updated March 2011. University of California, Riverside. Text provided by Mark S. Hoodie. Available at: <http://cizr.ucr.edu/new_zealand_mud_snail.html>.

- Cook-Fletcher, Valerie. 2015. Environmental Scientist. Invasive Species Program. California Department of Fish and Wildlife. California Department of Fish and Wildlife. Phone Conversation and Email with Claudia Funari of Ascent Environmental regarding invasive species in the North Coast/Klamath Province Counties.
- CSWRCB. See California State Water Resources Control Board.
- DellaSala, D.A., J.E. Williams, C.D. Williams, and J.E. Franklin. 2004. Beyond smoke and mirrors: A synthesis of fire policy and science. *Conservation Biology* 18(4):976–86.
- DWR. See California Department of Water Resources.
- FRAP. See California Department of Forestry and Fire Protection, Fire and Resource Assessment Program.
- Garwood, Justin M., Colin W. Anderson, and Seth J. Ricker. 2010. Bullfrog Predation on a Juvenile Coho Salmon in Humboldt, County, California. *Northwestern Naturalist* 91:99-101.
- Hayhoe, K., D. Cayan, C.B. Field, P.C. Frumhoff, E.P. Maurer, N.L. Miller, S.C. Moser, S.H. Schneider, K.N. Cahill, E.E. Cleland, L. Dale, R. Drapek, R.M. Hanemann, L.S. Kalkstein, J. Lenihan, C.K. Lunch, R.P. Neilson, S.C. Sheridan, and J.H. Verville. 2004. Emissions pathways, climate change, and impacts on California. *Proceedings of the National Academy of Sciences* 101(34):12422–12427.
- Jancowski, Kevin and Stan A. Orchard. 2013. Stomach Contents from Invasive American Bullfrogs *Rana catesbeiana* (= *Lithobates catesbeianus*) on southern Vancouver Island, British Columbia, Canada. *NeoBiota* 16:17-37.
- Keeler-Wolf, Todd. 2010 (January 21). Group Detail Report: G195. *Quercus agrifolia* - *Quercus lobata* - *Umbellularia californica* Forest & Woodland Group. Modified by G. Kittel. Federal Geographic Data Committee, Washington, D.C. Available: <http://explorer.natureserve.org/servlet/NatureServe?searchCommunityUid=ELEMENT_GLOBAL.2.788737>.
- Kelsey KA, West SD. 1998. Riparian Wildlife. In: Naiman RJ, Bilby RE, Kantor S, editors. *River Ecology and Management: Lessons from the Pacific Coastal Ecoregion*. New York, NY: Springer-Verlag.
- Lindenmayer, D.B., and J.F. Franklin. 2002. *Conserving forest biodiversity, a comprehensive multiscaled approach*. Washington, D.C.: Island Press.
- McAlexander, Louis Beck. 2015. Environmental Scientist. Invasive Mussel Project. Northern Region. California Department of Fish and Wildlife. Phone Conversation and Email with Claudia Funari of Ascent Environmental regarding invasive species in the North Coast/Klamath Province Counties.

- Moxley, Mitch. 2014. Green But Not Green: How Pot Farms Trash the Environment. Slate.com. Available: <http://www.slate.com/articles/news_and_politics/uc_breakthroughs_2014/2014/04/green_but_not_green_how_pot_farms_trash_the_environment.html>.
- NPS. See National Park Service.
- National Park Service. 2015. Marbled Murrelet –Redwood National and State Parks). Website. Available:< <http://www.nps.gov/redw/learn/nature/marbled-murrelet.htm>>. Accessed March 31, 2015.
- Odion, D.C., E.J. Frost, J.R. Strittholt, H. Jiang, D.A. Dellasala, and M.A. Moritz. 2004. Patterns of fire severity and forest conditions in the western Klamath Mountains, California. *Conservation Biology* 18(4):927–936.
- OPC. See California Ocean Protection Council.
- Page, G.W. and W.D. Shuford. 2000. *Southern Pacific Coast Provincial Shorebird Plan*. Version 1. A report of California Partners in Flight (CalPIF). Stinson Beach: Point Reyes Bird Observatory Conservation Science. Available: <<http://www.prbo.org/calpif/plans.html>>.
- PRBO Conservation Science. 2011. Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife. Version 1.0. Available: <<http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>>.
- RHJV. See Riparian Habitat Joint Venture.
- Riparian Habitat Joint Venture. 2004. The riparian bird conservation plan: A strategy for reversing the decline of riparian associated birds in California. Version 2.0. *California Partners in Flight*. Available: <http://www.prbo.org/calpif/pdfs/riparian_v-2.pdf>.
- Reese, Devin A., and Welsh, Hartwell H. 1998. Habitat Use by Western Pond Turtles in the Trinity River, CA. *Journal of Wildlife Management* 62(3):842-853.
- Ricketts, T.H., E. Dinerstein, D.M. Olson, and C.J. Louks. 1999. *Terrestrial ecoregions of North America, a conservation assessment*. Washington, D.C.: Island Press.
- Robinson, J., and J. Alexander, lead authors. 2002. Coniferous forest bird conservation plan. Version 1.0. *A report of California Partners in Flight*. Stinson Beach: Point Reyes Bird Observatory Conservation Science. Available: <<http://www.prbo.org/calpif/pdfs/conifer.v-1.pdf>>.
- Schneider, S.H., A. Rosencranz, and J.O. Niles, eds. 2002. *Climate change policy*. Washington D.C.: Island Press.

- State Water Resources Control Board. 2002. California's 2002 section 303(d) list of water quality limited segments (approved by US EPA July 2003). Available: <http://www.waterboards.ca.gov/centralcoast/water_issues/programs/tmdl/303d_list.shtml>.
- _____. 2014 (December). Strategy – Regulation and Enforcement of Unauthorized Diversions; Discharges of Waste to Surface and Groundwater Caused by Marijuana Cultivation. Prepared with California Regional Water Quality Control Boards and California Department of Fish and Wildlife. Available: <http://www.swrcb.ca.gov/water_issues/programs/enforcement/docs/2014strategicplan_wbcdfw.PDF>.
- Sweitzer, Rick A. and Dirk H. Van Vuren. 2002. Rooting and Foraging Effects of Wild Pigs on Tree Regeneration and Acorn Survival in California's Oak Woodland Ecosystems. USDA Forest Service Gen. Tech. Rep. PSW-GTR-184.
- SWRQB. See State Water Resources Control Board.
- U.S. Fish and Wildlife Service. 2002. *Draft recovery plan for chaparral and scrub community species east of San Francisco Bay, California*. Portland, OR. Available: <<http://sacramento.fws.gov/ea/Documents/Chaparral%20Draft%20Recovery%20Plan%20web.pdf>>.
- _____. 2005 (March 4). Biological and conference opinion for the Lower Colorado Multi-Species Conservation Program (LCR MSCP), Arizona, California, and Nevada. Available: <http://www.lcrmscp.gov/steer_committee/regulatory_compliance.html>.
- _____. 2014 (October 7). Endangered and Threatened Wildlife and Plants; Threatened Species Status for West Coast Distinct Population Segment of Fisher. Federal Register. 50 CFR Part 17 No. FWS-R8-ES-2014-0041RIN 1018-BA05. Available: <<http://www.fws.gov/cno/es/fisher/PDFs/FinalNotice-WestCoastFisherDPSPProposed-Listing.pdf>>.
- USDA. See U.S. Department of Agriculture.
- USDA, Forest Service. See U.S. Department of Agriculture, Forest Service.

U.S. Department of Agriculture, Forest Service. 1994 (July). Ecological Subprovinces of the United States. WO-WSA-5 Compiled by W. Henry McNab and Peter E. Avers. Prepared in cooperation with Provinceal Compilers and the ECOMAP Team of the Forest Service. Washington, D.C. Available: <<http://www.fs.fed.us/land/pubs/ecoregions/>>. Accessed November 10, 2014.

_____. 2007. Description of "Ecological Subprovinces: Section of the Conterminous United States." General Technical Report WO-76B. Compiled by W. H. McNab, D. T. Cleland, J. A. Freeouf, J. E. Keys, Jr., G. J. Nowacki, and C. A. Carpenter.

_____. 2015. Coast Redwood Ecology and Management. Fire and Invasive Species. Prepared by Steve Norman. Available: <<http://www.redwood.forestthreats.org/invasives.htm>>.

USFS. See U.S. Department of Agriculture, Forest Service.

USFWS. See U.S. Fish and Wildlife Service.

Van Hattem, Michael G. 2015. Senior Environmental Scientist Specialist. Landscape Conservation & Climate Change – Coastal Conservation Planning. Northern Region. California Department of Fish and Wildlife. Phone Conversation with Claudia Funari of Ascent Environmental regarding invasive species in the North Coast Counties.

Vinson MR and MA Baker. 2008. Poor growth of rainbow trout fed New Zealand mudsnails *Potamopyrgus antipodarum*. *North American Journal of Fisheries Management* 28:701-709. Available: <<http://dx.doi.org/10.1577/M06-039.1>>.

Whittaker, R.H. 1960. Vegetation of the Siskiyou Mountains, Oregon and California. *Ecological Monographs* 30(3):279-338.

_____. 1961. Vegetation history of the Pacific coast states and the "central" significance of the Klamath region. *Madroño* 16(1):5-23.

Section 5.2, "Cascades and Modoc Plateau Province"

Arno, S.F., and C.E. Fiedler. 2005. *Mimicking nature's fire: Restoring fire-prone forests in the West*. Washington, D.C.: Island Press.

Bauer S, Olson J, Cockrill A, Van Hattem M, Miller L, Tauzer M. 2015. Impacts of Surface Water Diversions for Marijuana Cultivation on Aquatic Habitat in Four Northwestern California Watersheds. *PLoS ONE* 10(3): e0120016. doi:10.1371/journal.pone.0120016.

Beever, E.A. 2003. Management implications of the ecology of free-roaming horses in semiarid ecosystems of the western United States. *Wildlife Society Bulletin* 31:887–895.

- Bell, J.L., L.C. Sloan, and M.A. Snyder. 2004. Regional changes in extreme climatic events: A future climate scenario. *Journal of Climate* 17:81-87.
- Belsky, A.J. 1996. Viewpoint: Western juniper expansion: Is it a threat to arid northwestern ecosystems? *Journal of Range Management* 49(1):53–59.
- BLM. See U.S. Bureau of Land Management.
- Brooks, M.L., and D.A. Pyke. 2001. Invasive plants and fire in the deserts of North America. In *Proceedings of the Invasive Species Workshop: the Role of Fire in the Control and Spread of Invasive Species*. K.E.M. Galley and T.P. Wilson, eds. Fire Conference 2000: the First National Congress on Fire Ecology, Prevention, and Management. Miscellaneous Publication No. 11. Tall Timbers Research Station, Tallahassee, FL.
- CalEMA. See California Emergency Management Agency.
- California Department of Forestry and Fire Protection, Fire and Resource Assessment Program. 2003. *The Changing California. Forest and Range 2003 Assessment*. Sacramento. Available: <<http://frap.fire.ca.gov/data/assessment2003/index.html>>.
- California Department of Fish and Game. 1988. *A Guide to Wildlife Habitats of California*. Edited by Kenneth E. Mayer and William F. Laudenslayer, Jr. State of California, Resources Agency, Sacramento, CA.
- CDFG. See California Department of Fish and Game.
- California Department of Pesticide Regulation. 2015. Lost River and Shortnose Sucker. CDPR Endangered Species Project. California Department of Fish and Game. Available: <http://www.cdpr.ca.gov/docs/endspec/espdfs/lrs_sns_bio.pdf>.
- California Department of Water Resources. 1994 (October). Bulletin 160-93, The California Water Plan Update, October 1994. Available: <<http://www.waterplan.water.ca.gov/previous/b160-93/TOC.cfm>>.
- _____. 2008 (October). *Managing an Uncertain Future: Climate Change Adaptation*. Available: <<http://www.water.ca.gov/climatechange/docs/ClimateChangeWhitePaper.pdf>>. Accessed March 17, 2015.
- _____. 2013. Bulletin 160-13, The California Water Plan Update, 2013. Investing in Innovation and Infrastructure. Available: <<http://www.waterplan.water.ca.gov/cwpu2013/final/index.cfm#Volume2>>.
- California Emergency Management Agency. 2012. *California Adaptation Planning Guide: Understanding Local and Regional Characteristics*.

- California Natural Resources Agency. 2009. *2009 California Climate Adaptation Strategy*. Available: <http://resources.ca.gov/docs/climate/Statewide_Adaptation_Strategy.pdf>.
- CDPR. See California Department of Pesticide Regulation.
- CNRA. See California Natural Resources Agency.
- Chang, C. 1996. *Ecosystem responses to fire and variations in fire regime*. Sierra Nevada Ecosystem Project: Final Report to Congress. Vol II. Davis: University of California, Centers for Water and Wildland Resources.
- Davidson, Carlos. 2004. Declining downwind: Amphibian populations declines in California and historical pesticide use. *Ecological Applications* 14(6):1892–1902.
- DWR. See California Department of Water Resources.
- EOARC. See Eastern Oregon Agricultural Research Center
- Eastern Oregon Agricultural Research Center. 2004 (August). *Western Juniper woodland management*. Available: <<http://oregonstate.edu/dept/eoarc/western-juniper-woodland-management>>.
- Ellis, M.J. and J.D. Cook. 2001 (March 12–15). Recovery efforts for the Shasta crayfish (*Pacifastacus fortis*): Lessons in progress. Proceedings of the 2001 conference on California riparian systems: Processes and floodplains management, ecology, and restoration.
- FRAP. See California Department of Forestry and Fire Protection, Fire and Resource Assessment Program.
- Henstrom, M.A., M.J. Wisdom, W.J. Hann, M.M. Rowland, B.C. Wales, and R.A. Gravenmier. 2002. Sagebrush-steppe vegetation dynamics and restoration potential in the interior Columbia Basin, U.S.A. *Conservation Biology* 16:1242–1255.
- Lake County Watershed Councils. 2015. Goose Lake Watershed. Website. Available: <<http://lakecountywsc.org/pages/goose.html>>.
- Loft, E.R., J.W. Menke, J.G. Kie, and R.C. Bertram. 1987. Influence of cattle stocking rate on the structural profile of deer hiding cover. *Journal of Wildlife Management* 51(3):655–663.

- Loft, E.R., D. Armentrout, G. Smith, D. Craig, M. Chapel, J. Willoughby, C. Rountree, T. Mansfield, S. Mastrup, and F. Hall. 1998. *An assessment of mule and black-tailed deer habitats and populations in California*. Report to the Fish and Game Commission, Joint Report of the California Department of Fish and Game, the U.S. Bureau of Land Management, and the U.S. Forest Service. Available: <<https://www.dfg.ca.gov/wildlife/hunting/deer/habitataassessment.html>>.
- McAdoo, J.K., S.R. Swanson, B. Schultz, and P.F. Brussard. 2002. Habitat requirements of sagebrush-associated species and implications for management. *Proceedings of the Restoration and Management of Sagebrush/grass Communities Workshop*. Elko, NV.
- McAlexander, Louis Beck. 2015. Environmental Scientist. Invasive Mussel Project. Northern Region. California Department of Fish and Wildlife. Phone Conversation and Email with Claudia Funari of Ascent Environmental regarding invasive species in the North Coast/Klamath Province Counties.
- Menke, J.W., C. Davis, and P. Beesley. 1996. *Rangeland assessment*. Sierra Nevada Ecosystem Project: Final Report to Congress. Vol III. Davis: University of California, Centers for Water and Wildland Resources.
- Miller, R.F., and J.A. Rose. 1999. Fire history and western juniper encroachment in sagebrush steppe. *Journal of Range Management* 52(6):550–559.
- Miller, R.F., T.J. Svejcar, and J.A. Rose. 2000. Impacts of western juniper on plant community composition and structure. *Journal of Range Management* 53(6):574–585.
- Miller, R.F., T.J. Svejcar, and N.E. West. 1994. Implications of livestock grazing in the intermountain sagebrush region: Plant composition. In: M.Vavra, W. A.Laycock, and R. D.Pieper. [eds.]. *Ecological implications of livestock herbivory in the West*. Denver, CO, USA: Society for Range Management.
- Miller, R.F. 2001. Managing western juniper for wildlife. Woodland Fish and Wildlife. MISC0286 Washington State University Cooperative Extension, Pullman, WA.
- Miller, R. F., S. T. Knick, D. A. Pyke, C. W. Meinke, S. E. Hanser, M. J. Wisdom, and A. L. Hild. 2011. Characteristics of sagebrush habitats and limitations to long-term conservation. Pp. 145–184 in S. T. Knick and J. W. Connelly (editors). *Greater Sage-Grouse: ecology and conservation of a landscape species and its habitats*. *Studies in Avian Biology* 38, University of California Press, Berkeley, CA.
- Moyle, P.B. 2002. *Inland fishes of California*. Berkeley: University of California Press.

- Nature Conservancy. 2015. California. Cool off streamside this summer. Ten Uniquely California rivers. Website Article. Available: <<http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/california/explore/uniquely-california-rivers.xml#lost>>.
- NCRWQCB see North Coast Regional Water Quality Control Board.
- North Coast Regional Water Quality Control Board. 2015. Lower Lost River TMDL. Available: <http://www.waterboards.ca.gov/northcoast/water_issues/programs/tmdls/lost_river_lower/>. Updated November 23, 2011.
- Norton, J.B., T.A. Monaco, J.M. Norton, D.A. Johnson, and T. Jones. 2004. Soil morphology and organic matter dynamics under cheatgrass and sage-steppe plant communities. *Journal of Arid Environments* 57:445–466.
- OSU. See Oregon State University.
- Oregon State University. 2005 (June). Biology, Ecology and Management of Western Juniper. Technical Bulletin 152. Available: <http://juniper.oregonstate.edu/bibliography/documents/phpQ65pOk_tb152.pdf>.
- Pellent, M. 1996. *Cheatgrass: The invader that won the West*. Interior Columbia Basin Ecosystem Project. Available: <<http://www.icbemp.gov/science/pellant.pdf>>.
- _____. 2002. Cheatgrass: Invasion, occurrence, biological/competitive features and control measures. *Proceedings of the Restoration and Management of Sagebrush/Grass Communities Workshop*. Elko, NV.
- Penrod, K., R. Hunter, and M. Merrifield. 2000. *Missing linkages: Restoring connectivity to the California landscape*. South Coast Wildlands Project, Talon Associates, and The Nature Conservancy.
- PRBO Conservation Science. 2011. Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife. Version 1.0. Available: <<http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>>.
- Sacramento River Watershed Program. 2015. Sacramento River Basin Watershed: Northeast Subregion. Pit River Watershed. Available: <<http://www.sacriver.org/aboutwatershed/roadmap/watersheds/northeast/pit>>.
- Sagebrush Sea Campaign. 2007 (January). Managing western juniper to restore sagebrush steppe and quaking aspen stands. Written by Andy Kerr and Mark Salvo. Available: <http://www.sagebrushsea.org/pdf/SSC_WJ_Position_Paper.pdf>.

- Schaefer, R.J., D.J. Thayer, and T.S. Burton. 2003. Forty-one years of vegetation change on permanent transects in northeastern California: Implications for wildlife. *California Fish and Game* 89(2):55–71.
- Shilling, F., E. Girvetz, C. Erichsen, B. Johnson, and P.C. Nichols. 2002. *A guide to wildlands conservation in the greater Sierra Nevada bioregion*. Published by California Wilderness Coalition.
- Smith, D.O. 2001. Closing canopies and changing trophic energy pathways in western conifer forests: Where do we go from here? *Transactions of the Western Section of the Wildlife Society* 40:114-119.
- SRWP. See Sacramento River Watershed Program.
- SWRCB. See State Water Resources Control Board.
- State Water Resources Control Board. 2003 (July). State of the watershed report, Pit River sub-watershed. Available: <http://www.waterboards.ca.gov/centralvalley/water_issues/watershed_management/05pitr.pdf>.
- Tappeiner, J.C., and P.M. McDonald. 1996. *Regeneration of Sierra Nevada forests*. Sierra Nevada Ecosystem Project: Final Report to Congress. Vol III. Davis: University of California, Centers for Water and Wildland Resources.
- Williams, D. F. 1986. Mammalian species of special concern in California. California Department of Fish and Game, Wildlife Management Report, Division Administration Report 86-1.
- USDA. See U.S. Department of Agriculture.
- United States Department of Agriculture. 2014. California Agricultural Statistics. Crop Year 2013. Available: <http://www.nass.usda.gov/Statistics_by_State/California/Publications/California_Ag_Statistics/Reports/index.asp>. Accessed April 2, 2015.
- U.S. Bureau of Land Management. 2004. Bureau of Land Management National Sage-Grouse Habitat Conservation Strategy BLM. Available: <http://sagemap.wr.usgs.gov/Docs/Sage-Grouse_Strategy.PDF>.
- USFS. See U.S. Forest Service.
- U.S. Forest Service. 1991a. *Forest Plan, Analysis of the Management Situation*. Modoc National Forest.
- _____. 1991b. *Modoc National Forest Land and Resource Management Plan*. Modoc National Forest.

- _____. 1994 (July). Ecological Subprovinces of the United States. WO-WSA-5 Compiled by W. Henry McNab and Peter E. Avers. Prepared in cooperation with Provincial Compilers and the ECOMAP Team of the Forest Service. Washington, D.C. Available: <<http://www.fs.fed.us/land/pubs/ecoregions/>>. Accessed: 10 November 2014.
- _____. 2000a. *Upper Pit River watershed restoration project business plan*. Modoc National Forest.
- _____. 2000b. *Warner Mountain rangeland project environmental assessment*. Warner Mountain Ranger District.
- _____. 2001. *Sierra Nevada forest plan amendment, final impact statement*. Pacific Southwest Region. Volumes 1–6.
- _____. [cited July 2004]. *Modoc National Forest Wild Horse Management*. Available: <http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5309071.pdf>.
- _____. 2007. Description of "Ecological Subprovinces: Section of the Conterminous United States." General Technical Report WO-76B. Compiled by W. H. McNab, D. T. Cleland, J. A. Freeouf, J. E. Keys, Jr., G. J. Nowacki, and C. A. Carpenter.
- Van Hattem, Michael G. 2015. Senior Environmental Scientist Specialist. Landscape Conservation & Climate Change – Coastal Conservation Planning. Northern Region. California Department of Fish and Wildlife. Phone Conversation with Claudia Funari of Ascent Environmental regarding invasive species in the North Coast Counties.
- Young, J. 2000. *Bromus tetorum*. In *Invasive Plants of California's Wildlands*. C.C. Bossard, J.M. Randall, and M.C. Hoshovsky, eds. Berkeley: University of California Press.
- Young, J.A., and C.D. Clements. 2002. Weed problems on Great Basin rangelands. *Proceedings of the Restoration and Management of Sagebrush/Grass Communities Workshop*. Elko, NV.
- Young, J.A., R.A. Evans, and J. Major. 1988. Sagebrush steppe. In *Terrestrial vegetation of California*. M.G. Barbour and J. Major, eds. Hoboken, N.J.: John Wiley & Sons.

Section 5.3, "Bay Delta and Central Coast Province"

ABAG. See Association of Bay Area Governments.

ACIA. See Arctic Climate Impact Assessment.

Association of Bay Area Governments. 2015. Bay Area Focused Growth: Population and Land Area. Available: <<http://www.bayareavision.org/bayarea/>>. Accessed January 26, 2015.

Arctic Climate Impact Assessment. 2004. Impacts of a warming climate. Arctic Climate Impact Assessment Team, Arctic Council and International Arctic Science Committee. New York: Cambridge University Press.

- Bennett, A.F. 1999. Linkages in the landscape: The role of corridors and connectivity in wildlife conservation. Gland, Switzerland: IUCN The World Conservation Union.
- Bryant, E. 1848. *What I saw in California: Being the journal of a tour by the emigrant route and south pass of the Rocky Mountains, across the continent of North America, the Great Desert Basin, and through California in the years 1846, 1847*. New York: Appleton and Co Press. Available: <<http://www.authorama.com/book/what-i-saw-in-california.html>>.
- CALFED Bay-Delta Program. 2013. Draft Environmental Impact Report/Environmental Impact Statement Bay Delta Conservation Plan. November 2013.
- California Department of Finance. 2014. Census 2010. Available: <http://www.dof.ca.gov/research/demographic/state_census_data_center/census_2010/>.
- California Department of Fish and Game. 1996. *Steelhead Restoration and Management Plan*. Sacramento. Available: <<http://www.dfg.ca.gov/>>.
- _____. 2005. California Wildlife: Conservation Challenges, California's Wildlife Action Plan. Prepared by UC Davis Wildlife Health Center. Bunn, D., A. Mummert, M. Hoshovsky, K. Gilardi, and S. Shanks, authors.
- California Department of Fish and Wildlife. 2011. California Marine Life Protection Act Initiative. San Francisco Bay Options Report: Considering MPA Planning.
- California Department of Fish and Wildlife, U.S. Department of Fish and Wildlife, and National Marine Fisheries Service. 2014 (May). Conservation Strategy for Restoration of the Sacramento-San Joaquin Delta, Sacramento Valley, and San Joaquin Valley Regions.
- California Department of Forestry and Fire Protection, Fire and Resource Assessment Program. 2006. FVEG GIS Data. Available: <http://frap.fire.ca.gov/data/frapgisdata-sw-fveg_download.php>. Downloaded: January 23, 2015.
- California Department of Pesticide Regulation. Pesticide Use Reporting – 2012 Summary Data. Pounds of active ingredient by county. Available: <http://www.cdpr.ca.gov/docs/pur/pur12rep/12_pur.htm>. Accessed January 26, 2015.
- California Department of Water Resources. 2012. 2012 Central Valley Flood Protection Plan.
- _____. 2013. California Water Plan Update 2013. Volume 2. Bulletin 160-13. Available: <<http://www.waterplan.water.ca.gov/cwpu2013/final/index.cfm#Volume2>>.

- California Emergency Management Agency. 2012. *California Adaptation Planning Guide: Understanding Local and Regional Characteristics*. Cayan, D. R., E. P. Maurer, M. D. Dettinger, M. Tyree, and K. Hayhoe. 2008. "Climate Change Scenarios for the California Region." *Climatic Change* 87(Suppl 1): S21-S42.
- California Natural Resources Agency. 2010. *State of the State's Wetlands: 10 Years of Challenges and Progress*.
- California Ocean Protection Council. 2013 (March). *State of California Sea-Level Rise Guidance Document*. Available: <<http://www.opc.ca.gov/2013/04/update-to-the-sea-level-rise-guidance-document/>>. Accessed December 17, 2014.
- California State Coastal Conservancy. 2010. *San Francisco Bay Subtidal Habitat Goals Report: Conservation Planning for the Submerged Areas of the Bay*.
- Cayan, D. R., E. P. Maurer, M. D. Dettinger, M. Tyree, and K. Hayhoe. 2008. "Climate Change Scenarios for the California Region." *Climatic Change* 87(Suppl 1): S21-S42.
- CDFG. See California Department of Fish and Game.
- CDFW. See California Department of Fish and Wildlife.
- CDPR. See California Department of Pesticide Regulation.
- CNRA. See California Natural Resources Agency.
- Defenders of Wildlife. 2015. *Invasive Species in California*. Available: <<http://www.defenders.org/sites/default/files/publications/california.pdf>>. Accessed January 26, 2015.
- Delta Stewardship Council. 2013. *The Delta Plan: Ensuring a Reliable Water Supply for California, a Healthy Delta Ecosystem, and a Place of Enduring Value*.
- DiTomaso, J.M. and D.W. Johnson (eds.). 2006. *The Use of Fire as a Tool for Controlling Invasive Plants*. Cal-IPC Publication 2006-01. California Invasive Plant Council: Berkeley, CA. 56 pp.
- DOW. See Defenders of Wildlife.
- DWR. See California Department of Water Resources.
- ELI. See Environmental Law Institute.
- Environmental Law Institute. 2003. *Conservation thresholds for land use planners*. Washington DC: The Environmental Law Institute.

- Field, C.B., G.C. Daily, F.W. Davis, S. Gaines, P.A. Matson, J. Melack, and N.L. Miller. 1999. *Confronting climate change in California: Ecological impacts on the Golden State*. Cambridge, Mass: The Union of Concerned Scientists and the Ecological Society of America.
- Hayhoe, K., D. Cayan, C.B. Field, P.C. Frumhoff, E.P. Maurer, N.L. Miller, S.C. Moser, S.H. Schneider, K.N. Cahill, E.E. Cleland, L. Dale, R. Drapek, R.M. Hanemann, L.S. Kalkstein, J. Lenihan, C.K. Lunch, R.P. Neilson, S.C. Sheridan, and J.H. Verville. 2004. Emissions pathways, climate change, and impacts on California. *Proceedings of the National Academy of Sciences* 101(34):12422-12427.
- Intergovernmental Panel on Climate Change. 2001. *Climate change 2001: The science of climate change. Contribution of working group I to the Intergovernmental Panel On Climate Change third assessment report*. J. T. Houghton, Y. Ding, D.J. Griggs, M. Noguer, P.J. van der Linden, X. Dai, K. Maskell, and C.A. Johnson, eds. Cambridge University Press, Cambridge, UK.
- IPPC. *See* Intergovernmental Panel on Climate Change.
- Johnson, P.T. and J.M. Chase. 2004. Parasites in the food web: Linking amphibian malformations and aquatic eutrophication. *Ecology Letters* 7(7): 521-526.
- Keeley, J.E. 2004. Invasive plants and fire management in California Mediterranean climate ecosystems. *In Proceedings 10th MEDECOS Conference, April 25-May 1, 2004*. Rhodes, Greese, Arianoutsou, and Papanastasis, eds.
- Mount, J.F., and R. Twiss. 2005. Subsidence, sea level rise, and seismicity in the Sacramento-San Joaquin Delta. *San Francisco Estuary and Watershed Science* 3(1), Article 5.
- Mount, J., W. Bennett, J. Durand, W. Fleenor, E. Hanak, J. Lund, and P. Moyle. 2012. *Aquatic Ecosystem Stressors in the Sacramento-San Joaquin Delta*. Published by the Public Policy Institute of California.
- Moyle, P.B. 2002. *Inland Fishes of California*. Berkeley: University of California Press.
- OPC. *See* California Ocean Protection Council.
- Page, G.W., and W.D. Shuford. 2000. *Southern Pacific Coast Provincial Shorebird Plan*. Version 1. A report of California Partners in Flight (CalPIF). Stinson Beach: Point Reyes Bird Observatory Conservation Science. Available: <<http://www.prbo.org/calpif/plans.html>>.
- PRBO Conservation Science. 2011. *Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife*. Version 1.0. Available: <<http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>>.

Office of Planning and Research. 2013 (September). California @ 50 Million, California's Climate Future. The Governor's Environmental Goals and Policy Report.

Riparian Habitat Joint Venture. 2004. The Riparian Bird Conservation Plan: A Strategy for Reversing the Decline of Riparian Associated Birds in California.

RHJV. See Riparian Habitat Joint Venture.

Ryan, M., J. Johnson, B. Fitzpatrick, L. Lowenstine, A. Picco, and H. B. Shaffer. 2012. Lethal effects of water quality on threatened California tiger salamanders but not on co-occurring hybrid salamanders. *Conservation Biology* 27(1):95-102.

San Francisco Bay Area Wetlands Ecosystem Goals Project. 1999. Baylands Ecosystem Habitat Goals: A Report of Habitat Recommendations.

_____. 2014. The Baylands and Climate Change: What We Can Do. The 2014 Science Update to the Baylands Ecosystem Habitat Goals.

San Francisco Bay Joint Venture. 2001. Restoring the Estuary: Implementation Strategy of the San Francisco Bay Joint Venture — A Strategic Plan for the Restoration of Wetlands and Wildlife in the San Francisco Bay Area.

The Nature Conservancy. 1997. Central Coast ecoregion: Ecoregional Planning Project. San Francisco, CA.

Thorne, J., D. Cameron, and V. Jigour. 2002. A guide to wildlands conservation in the Central Coast region of California. A report of the California Wilderness Coalition. Oakland, CA.

TNC. See The Nature Conservancy.

USBR. See U.S. Bureau of Reclamation.

U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, and California Department of Fish and Game. 2013 (May). Suisun Marsh Habitat Management, Preservation, and Restoration Plan.

U.S. Fish and Wildlife Service. 1995. Sacramento-San Joaquin Delta Native Fishes Recovery Plan.

_____. 2006. Central Valley Joint Venture Implementation Plan – Conserving Bird Habitat.

USFWS. See U.S. Fish and Wildlife Service.

Viers, J.H., D. Liptzin, T.S. Rosenstock, V.B. Jensen, A.D. Hollander, A. McNally, A.M. King, G. Kourakos, E.M. Lopez, N. De La Mora, A. Fryjoff-Hung, K.N. Dzurella, H.E. Canada, S. Laybourne,, C. McKenney, J. Darby, J.F. Quinn, and T. Harter. 2012. Nitrogen Sources and Loading to Groundwater. Technical Report 2 in: Addressing Nitrate in California's Drinking Water with a Focus on Tulare Lake Basin and Salinas Valley Groundwater. Report for the State Water Resources Control Board Report to the Legislature. Center for Watershed Sciences, University of California, Davis. Available: <<http://groundwaternitrate.ucdavis.edu>>.

Section 5.4, "Central Valley and Sierra Nevada Province"

ACIA. See Arctic Climate Impact Assessment.

Arctic Climate Impact Assessment. 2004. Impacts of a warming Arctic. Arctic Climate Impact Assessment Team, Arctic Council and International Arctic Science Committee. New York: Cambridge University Press. Available: <<http://amap.no/acia/>>.

Bennett, A.F. 1999. Linkages in the landscape: The role of corridors and connectivity in wildlife conservation. Gland, Switzerland: IUCN The World Conservation Union.

Bleich, V.C., S.G. Torres, J.D. Wehausen, and T.A. Swank. 1996. History of transplanting mountain sheep—California. *Biennial Symposium on North American Wild Sheep and Goat Council* 10:164-166.

Bossard, C., J.M. Randall, and M. Hoshovsky, eds. 2000. Invasive plants of California's wildlands. Berkeley: University of California Press. Available: <http://groups.ucanr.org/ceppc/Invasive_Plants_of_California's_Wildlands/>.

CalEMA. See California Emergency Management Agency.

California Bay-Delta Authority. 2000. Ecosystem restoration program plan: Volume 1: Ecological attributes of the San Francisco Bay-Delta watershed. Final Programmatic EIS/EIR Technical Appendix. Sacramento. Available: <<http://calwater.ca.gov/Programs/EcosystemRestoration/EcosystemVol1RestorationPlan.shtml>>.

California Department of Fish and Game. 1993. Restoring Central Valley streams: A plan for action. Sacramento.

_____. 2005. California Wildlife: Conservation Challenges. California's Wildlife Action Plan. Prepared by the U.C. Davis Wildlife Heath Center. Bunn, D., A. Mummert, M. Hoshovsky, K. Gilardi, and S. Shanks, authors. Prepared for the California Department of Fish and Game. Sacramento, CA.

- California Department of Finance. 2000. E-5 city/county population and housing estimates, 1991-2000, with 1990 census counts. Sacramento. Available: <<http://www.dof.ca.gov/HTML/DEMOGRAP/E-5text.htm>>.
- _____. 2003. E-2 California county population estimates and components of change, July 1, 2000-2003. Sacramento. Available: <<http://www.dof.ca.gov/html/demograp/e-2text.htm>>.
- _____. 2004. P3 population projections by race/ethnicity, gender and age for California and its counties 2000-2050. Sacramento. Available: <http://www.dof.ca.gov/html/demograp/dru_Publications/Projections/P3/P3.htm>.
- California Department of Water Resources. 1998. The California Water Plan Update. Bulletin 160-98.
- _____. 2005. California Water Plan Update 2005. Public review draft.
- California Emergency Management Agency. 2012. *California Adaptation Planning Guide: Understanding Local and Regional Characteristics*.
- California Energy Commission. 2002a. A roadmap for PIER research on avian collisions with power lines in California. Sacramento. Available: <http://www.energy.ca.gov/reports/2002-12-24_500-02-070F.PDF>.
- _____. 2002b. A roadmap for PIER research on avian collisions with power lines in California. Sacramento. Available: <http://www.energy.ca.gov/reports/2002-12-24_500-02-071F.PDF>.
- California Invasive Plant Council. 1999. Exotic pest plants of greatest ecological concern in California. Berkeley. Available: <http://groups.ucanr.org/ceppc/1999_Cal-IPC_list>.
- California Partners in Flight. 2002. The oak woodland bird conservation plan: A strategy for protecting and managing oak woodland habitats and associated birds in California. (S. Zack, lead author). Version 2.0. Stinson Beach. Point Reyes Bird Observatory. Available: <<http://www.prbo.org/calpif/plans.html>>.
- California Resources Agency. 2004. Conservation and Trust Lands dataset.
- CalIPC. *See* California Invasive Plant Council.
- CALFED. *See* California Bay-Delta Authority.
- CalPIF. *See* California Partners in Flight.
- Caprio, A.C., and T.W. Swetnam. 1993. Historical fire regimes along an elevational gradient on the west slope of the Sierra Nevada, California. *Proceedings: Symposium on Fire in*

- Wilderness and Park Management: Past Lessons and Future Opportunities*. March 30-April 1, 1993.
- CDFG. See California Department of Fish and Game.
- CDOF. See California Department of Finance.
- CEC. See California Energy Commission.
- Central Valley Habitat Joint Venture. 1990. Implementation plan: A component of the North American Waterfowl Management Plan. Sacramento. Available: <<http://www.usbr.gov/mp/cvhjv/>>.
- CRA. See California Resources Agency.
- Chang, C. 1996. Ecosystem responses to fire and variations in fire regime. Sierra Nevada Ecosystem Project: Final Report to Congress. Vol II. Davis: University of California, Centers for Water and Wildland Resources.
- CVHJV. See Central Valley Habitat Joint Venture.
- DiTomaso, J.M., and J.D. Gerlach Jr. 2000. *Centaurea solstitialis*. In *Invasive plants of California's wildlands*. C.C. Bossard, J.M. Randall, and M.C. Hoshovsky, eds. Berkeley: University of California Press.
- Dombeck, M.P., J.E. Williams, and C.A. Wood. 2004. Wildfire policy and public lands: Integrating scientific understanding with social concerns across landscapes. *Conservation Biology* 18(4):883-889.
- Duane, T.P. 1998. *Shaping the Sierra: Nature, culture and conflict in the changing West*. Berkeley: University of California Press.
- duVair, P. 2003. Climate change and California. Staff report of the California Energy Commission. Available: <http://www.energy.ca.gov/reports/2003-11-26_100-03-017F.pdf>.
- DWR. See California Department of Water Resources.
- ELI. See Environmental Law Institute.
- Environmental Law Institute. 2003. Conservation thresholds for land use planners. Washington DC: The Environmental Law Institute. Available: <http://www.elistore.org/reports_detail.asp?ID=10839>.

- Franklin, J.F., and J.A. Fites-Kaufman. 1996. Assessment of late-successional forests of the Sierra Nevada. Sierra Nevada Ecosystem Project: Final Report to Congress, vol. II, Assessments and Scientific Basis for Management Options. Davis: University of California, Centers for Water and Wildland Resources.
- Field, C.B., G.C. Daily, F.W. Davis, S. Gaines, P.A. Matson, J. Melack, and N.L. Miller. 1999. Confronting climate change in California: Ecological impacts on the Golden State. Cambridge, Mass: The Union of Concerned Scientists and the Ecological Society of America. Available: <<http://www.ucsusa.org/documents/calclimate.pdf>>.
- Goals Project. 1999. Baylands ecosystem habitat goals. A report of habitat recommendations prepared by the San Francisco Bay Area Wetlands Ecosystem Goals Project. San Francisco and Oakland: U.S. Environmental Protection Agency and San Francisco Bay Regional Water Quality Control Board. Available: <http://www.abag.ca.gov/bayarea/sfep/pdf/habitat_goals/Habitat_Goals.pdf>.
- Hayhoe, K., D. Cayan, C.B. Field, P.C. Frumhoff, E.P. Maurer, N.L. Miller, S.C. Moser, S.H. Schneider, K.N. Cahill, E.E. Cleland, L. Dale, R. Drapek, R.M. Hanemann, L.S. Kalkstein, J. Lenihan, C.K. Lunch, R.P. Neilson, S.C. Sheridan, and J.H. Verville. 2004. Emissions pathways, climate change, and impacts on California. *Proceedings of the National Academy of Sciences* 101(34):12422-12427.
- Hickey, C., W.D. Shuford, G.W. Page, and S. Warnock. 2003. The Southern Pacific shorebird conservation plan: A strategy for supporting California's Central Valley and coastal shorebird populations. Version 1.1. Stinson Beach: Point Reyes Bird Observatory. Available: <http://www.prbo.org/cms/docs/wetlands/SPSCPlan_010904.pdf>.
- Houghton, J. T. Y. Ding, D.J. Griggs, M. Noguer, P.J. van der Linden, X. Dai, K. Maskell, and C.A. Johnson, eds. Cambridge University Press, Cambridge, UK. Available: <http://www.grida.no/climate/ipcc_tar/wg1/408.htm>.
- Husari, S., and K.S. McKelvey. 1996. Fire-management policies and programs. Sierra Nevada Ecosystem Project: Final Report to Congress, Vol. II. Davis: University of California, Centers for Water and Wildland Resources.
- Intergovernmental Panel on Climate Change. 2001. Climate change 2001: The science of climate change. Contribution of working group I to the Intergovernmental Panel on Climate Change third assessment report.
- IPCC. See Intergovernmental Panel on Climate Change.

- Jurek, R. 1994. A bibliography of feral, stray, and free-roaming domestic cats in relation to wildlife conservation. California Department of Fish and Game Nongame Bird and Mammal Program Report No. 94-5. Sacramento. Available: <http://www.dfg.ca.gov/hcpb/species/nuis_exo/dom_cat/cats_wildlife.shtml>.
- Kattelman, R. 2000. Riparian vegetation loss in the Sierra Nevada. Proceedings of the International Conference on Riparian Ecology and Management in Multi-Land Use Watersheds. American Water Resources Association.
- Kauffman, B.J. 2004. Death rides the forest: Perceptions of fire, land use, and ecological restoration of western forests. *Conservation Biology* 18(4):878-882.
- Keifer, M.B., N.L. Stephenson, and J. Manley. 2000. Prescribed fire as the minimum tool for wilderness forest and fire regime restoration: A case study from the Sierra Nevada, California. USDA Forest Service Proceedings RMRS-P Vol. 5.
- Kelly, P.A., S.E. Phillips, and D.F. Williams. 2005. Documenting ecological change in time and space: The San Joaquin Valley of California. In Lacey, E.A., and P. Myers, eds. *Mammalian diversification: From chromosomes to phylogeography*. Publications in Zoology Series. University of California Press, Berkeley. 383 pp.
- Kilgore, B.M. 1973. The ecological role of fire in Sierran conifer forests, its application to national park management. *Journal of Quaternary Research* 3(3):496-513.
- Knapp, R.A., and K.R. Mathews. 1996. Livestock grazing, Golden Trout, and streams in the Golden Trout Wilderness, California: Impacts and management implications. *North American Journal of Fisheries Management* 16:805-820.
- Kondolf, G. M., R. Kattelman, M. Embury, and D.C. Erman. 1996. Status of riparian habitat. Sierra Nevada Ecosystem Project: Final Report to Congress, Vol. II. Davis: University of California, Centers for Water and Wildland Resources.
- Landis, J.D., and M. Reilly. 2003. How we will grow: Baseline projections of the growth of California's urban footprint through the year 2100. Institute of Urban and Regional Development Working Paper 2003-04. Berkeley: University of California.
- Leung, Y., and J.L. Marion. 2000. Recreation impacts and management in wilderness: A state-of-knowledge review. USDA Forest Service Proceedings RMRS-P-15-Vol. 5.
- Lewis, J.C., K.L. Sallee, and R.T. Golightly Jr. 1993. Introduced red fox in California. California Department of Fish and Game Nongame Bird and Mammal Section Report 93-10. Sacramento. Available: <http://www.dfg.ca.gov/hcpb/info/bm_research/bm_pdfrpts/93_10.pdf>.

- Mathews, K.R., K.L. Pope, R.A. Knapp, and H.K. Preisler. 2001. Effects of non-native trout on Pacific treefrogs (*Hyla regilla*) in the Sierra Nevada. *Copeia* 101:1130-1137.
- McCreary, D.D. 2001. Regenerating rangeland oaks in California. University of California, Agriculture and Natural Resources, Publication 21601.
- McKelvey, K.S., C.N. Skinner, C. Chang, D.C. Erman, S.J. Husari, D.J. Parsons, J.W. van Wagtendonk, and C.P. Weatherspoon. 1996. An overview of fire in the Sierra Nevada. Sierra Nevada Ecosystem Project: Final Report to Congress. Vol II. Davis: University of California, Centers for Water and Wildland Resources.
- McKenzie, D., Z. Gedalof, D.L. Peterson, and P. Mote. 2004. Climatic change, wildfire, and conservation. *Conservation Biology* 18(4):890-902.
- Menke, J.W., C. Davis, and P. Beesley. 1996. Rangeland assessment. Sierra Nevada Ecosystem Project: Final Report to Congress. Vol III. Davis: University of California, Centers for Water and Wildland Resources.
- Miller, C., and D.L. Urban. 1999. Forest pattern, fire, and climatic change in the Sierra Nevada. *Ecosystems* 2(1):76-87.
- Milliron, C. 1999. *Aquatic biodiversity management plan for the Big Pine Creek Wilderness Basin of the Sierra Nevada, Inyo County*. California Department of Fish and Game.
- Milliron, C., P.L. Kiddo, M. Lockhart, J. Lane, and R. Ziegler. 2004. *Aquatic biodiversity management plan for the Bishop Creek High Country Management Unit of the Sierra Nevada, Inyo County California*. California Department of Fish and Game.
- Moyle, P.B. 2002. *Inland fishes of California*. Berkeley: University of California Press.
- North, Malcolm; Stine, Peter; O'Hara, Kevin; Zielinski, William; Stephens, Scott. 2009. An ecosystem management strategy for Sierran mixed-conifer forests. Gen. Tech. Rep. PSW-GTR-220. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 49 p.
- North, Malcolm, ed. 2012. Managing Sierra Nevada forests. Gen. Tech. Rep. PSW-GTR-237. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 184 p.
- NCBSIAG. See Northeastern California Bighorn Sheep Interagency Advisory Group.
- Northeastern California Bighorn Sheep Interagency Advisory Group. 1991. *California bighorn sheep recovery and conservation guidelines for northeastern California*.

- National Oceanic and Atmospheric Administration National Center for Coastal Ocean Studies. 2005. Sea level data. Available: <<http://www.nodc.noaa.gov/General/sealevel.html>>.
- NOAA. See National Oceanic and Atmospheric Administration.
- Parmesan, C. and H. Galbraith. 2004. Observed impacts of global climate change in the U.S. Arlington, Va.: Pew Center on Global Climate Change. Available: <<http://www.pewclimate.org/docUploads/final%5FObsImpact%2Epdf>>.
- Penrod, K., R. Hunter, and M. Merrifield. 2000. Missing linkages: Restoring connectivity to the California landscape. South Coast Wildlands Project, Talon Associates, and The Nature Conservancy.
- PRBO Conservation Science. 2011. Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife. Version 1.0. Available: <<http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>>.
- RHJV. See Riparian Habitat Joint Venture.
- Riparian Habitat Joint Venture. 2004. The riparian bird conservation plan: A strategy for reversing the decline of riparian associated birds in California. Version 2.0. California Partners in Flight. Available: <http://www.prbo.org/calpif/pdfs/riparian_v-2.pdf>.
- Safford, H., M. North, and M.D. Meyer. 2012. Climate change and the relevance of historical forest conditions. Chapter 3 in *Managing Sierra Nevada Forests*. USDA Forest Service General Technical Report PSW-GTR-237.
- Sanders, S. 2004. Growth trends and challenges in California. Coral Gables, Fla.: Funders' Network for Smart Growth and Livable Communities. Available: <<http://www.calregions.org/pdf/growthTrendsChallenges.pdf>>.
- Schneider, S.H., and K. Kuntz-Duriseti. 2002. Uncertainty and climate change policy. In *Climate change policy*. S.H. Schneider, A. Rosencranz, and J.O. Niles, eds. Washington D.C.: Island Press.
- Sierra Nevada Ecosystem Project. 1996. Status of the Sierra Nevada, Final Report to Congress, Vol. I, Assessment Summaries and Management Strategies. Davis: University of California, Centers for Wildland and Water Resources.
- Schwartz, W. 1969. Voices for the wilderness. New York: Ballantine Books.
- Skinner, C.N., and C. Chang. 1996. Fire regimes, past and present. Sierra Nevada Ecosystem Project: Final Report to Congress. Vol II. Davis: University of California, Centers for Water and Wildland Resources.

SNEP. See Sierra Nevada Ecosystem Project.

State Lands Commission. 1993. California rivers: A public trust report. Sacramento, CA. Available: <http://elib.cs.berkeley.edu/cgi-bin/doc_home?elib_id=1446>.

Steere, J.T., and N. Schaefer. 2001. Restoring the estuary: An implementation strategy for the San Francisco Bay Joint Venture. Oakland: San Francisco Bay Joint Venture. Available: <<http://www.sfbayjv.org/strategy.html>>.

Stewart, I.T., D.R. Cayan, and M.D. Dettinger. 2004. Changes in snowmelt runoff timing in western North America under "business as usual" climate change scenario. *Climate Change* 62:217-232.

The Nature Conservancy. 1987. Sliding toward extinction: The state of California's natural heritage 1987. Prepared at the request of the California Senate Committee on Natural Resources and Wildlife by Jones and Stokes Associates. Sacramento, CA.

_____. 1995. Sacramento Valley and foothill bioregion: Biological scoping project.

_____. 1998. *San Joaquin Valley and Foothill Ecoregional Plan*. San Francisco, CA.

TNC. See The Nature Conservancy.

TPL. See Trust for Public Land.

Trust for Public Land. 2001. California rivers report: The state of California rivers. Oakland: The Trust for Public Land. Available: <http://www.tpl.org/tier3_cdl.cfm?content_item_id=6501&folder_id=1685>.

Turman, E.G. 2002. Regional impact assessments: A case study of California. In *Climate change policy*. S.H. Schneider, A. Rosencranz, and J.O. Niles, eds. Washington, D.C.: Island Press.

U.S. Forest Service. 2001. Sierra Nevada forest plan amendment, final impact statement. Pacific Southwest Region. Volumes 1-6.

_____. 2004a (January 22). Forest Service Launches Action Campaign to Protect Old Growth Forests, Wildlife, and Communities with New Decision. News release.

_____. 2004b. Sierra Nevada forest plan amendment, final impact statement, Record of Decision. Pacific Southwest Region.

USFS. See U.S. Forest Service.

van Wagtenonk, J.W. 1995. Dr. Biswell's influence on the development of prescribed burning in California. From Biswell Symposium: Fire issues and solutions in urban interface and wildland ecosystems. *U.S. Forest Service Gen. Tech. Rep.* PSW-GTR-158.

Vanrheenen, N.T., A.W. Wood, R.N. Palmer, and D.P. Lettenmaier. 2004. Potential implications of PCM climate change scenarios for Sacramento-San Joaquin river basin hydrology and water resources. *Climate Change* 62:257-281.

Vredenburg, V.T. 2004. Reversing introduced species effects: Experimental removal of introduced fish leads to rapid recovery of a declining frog. *Proceedings of the National Academy of Sciences* 101(20):7646-7650.

Section 5.5, "South Coast Province"

CalEMA. See California Emergency Management Agency.

California Department of Fish and Game. 2005. California Wildlife: Conservation Challenges, California's Wildlife Action Plan. Prepared by UC Davis Wildlife Health Center. Bunn, D., A. Mummert, M. Hoshovsky, K. Gilardi, and S. Shanks, authors.

California Coastal Conservancy. 2010. Overview: South Coast Region. Available: <<http://scc.ca.gov/overview-south-coast-region/>>. Accessed January 23, 2015.

California Department of Finance. 2014. E-5 Population and Housing Estimates for Cities, Counties, and the State, 2011-2014 with 2010 Census Benchmark. Sacramento. Available <<http://www.dof.ca.gov/research/demographic/reports/estimates/e-5/2011-20/view.php>>. Accessed January 23, 2015

California Department of Forestry and Fire Protection, Fire and Resource Assessment Program. 2010. California's Forests and Rangelands: 2010 Assessment. Sacramento. Available: <http://frap.fire.ca.gov/data/assessment2010/pdfs/california_forest_assessment_nov22.pdf>.

California Emergency Management Agency. 2012. *California Adaptation Planning Guide: Understanding Local and Regional Characteristics*.

CAL FIRE. See California Department of Forestry and Fire Protection.

CCC. See California Coastal Conservancy

CDFG. See California Department of Fish and Game.

Hunter, R. 1999. South Coast regional report: California Wildlands Project vision for wild California. A report of the California Wilderness Coalition. Davis.

- Johnston, Warren E. 2003. Chapter 2 Cross Sections of a Diverse Agriculture: Profiles of California's Agricultural Production Regions and Principal Commodities. In J. Siebert (Ed.), *California Agriculture, Dimensions and Issues* (pp. 29-55). University of California Giannini Foundation of Agricultural Economics, Division of Agriculture and Natural Resources.
- Keeley, Jon E. 2010. Chapter 15 South Coast Bioregion. In N.G. Sugihara, J.W. Van Wagtendonk, K.E. Shaffer, J. Fites-Kaufman, and A.E. Thode (Eds.), *Fire in California's Ecosystems* (pp. 350-390). Berkeley and Los Angeles, California: University of California Press.
- Knight, R.L. and D.N. Cole. 1995. Factors that influence wildlife responses to recreationists. Pages 71-79 in Knight, R.L. and K.J. Gutzwiller, editors, *Wildlife and Recreationists*, Island Press, Covelo, CA.
- NMFS See National Marine Fisheries Service
- National Marine Fisheries Service. 2012. South-Central California Steelhead Recovery Plan. Southwest Regional Office, Long Beach, California.
- PRBO Conservation Science. 2011. Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife. Version 1.0. Available: <<http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>>.
- Stephenson, J.R. and G.M. Calcarone. 1999. Southern California mountains and foothills assessment: Habitat and species conservation issues. General Technical Report GTR-PSW-172. A report of the Pacific Southwest Research Station, U.S. Forest Service and U.S. Department of Agriculture. Albany.
- U.S. Geological Survey, Western Ecological Research Center. 2003. Development of a comprehensive ecological monitoring strategy in support of the coastal sage scrub NCCP program in southern California and analysis of the existing monitoring efforts. Available: <<http://www.werc.usgs.gov/sandiego/pdfs/hcpsocal.pdf>>.
- USGS. See U.S. Geological Survey.
- Section 5.6, "Deserts Province"**
- Avery, H.W. 1998. Nutritional ecology of the desert tortoise (*Gopherus agassizii*) in relation to cattle grazing in the Mojave Desert. Ph.D. Dissertation. University of California, Los Angeles.
- _____. 1999. Livestock grazing in the Mojave desert in relation to the desert tortoise. Presentation at the Mojave Desert Science Symposium. U.S. Geological Survey, Western Ecological Research Center.
- Beever, E.A. 2003. Management implications of the ecology of free-roaming horses in semiarid ecosystems of the western United States. *Wildlife Society Bulletin* 31:887-895.

- Brooks, M.L. 1995. Benefits of protective fencing to plant and rodent communities of the western Mojave Desert, California. *Environmental Management* 19:65-74.
- _____. 1998. Ecology of a Biological Invasion: Alien Annual Plants in the Mojave Desert. Ph.D. Dissertation, University of California, Riverside. 186 pp.
- Brooks, M.L. and T.C. Esque. 2003. Nonnative grass invasions and fire in the Mojave Desert. USGS, Western Ecological Research Center. <http://www.werc.usgs.gov/invasivespecies/mojavegrassfire.html>.
- BLM. See U.S. Bureau of Land Management.
- CalEMA. See California Emergency Management Agency.
- California Department of Finance. 2014. E-5 Population and Housing Estimates for Cities, Counties, and the State, 2011-2014 with 2010 Census Benchmark. Sacramento. Available <<http://www.dof.ca.gov/research/demographic/reports/estimates/e-5/2011-20/view.php>>. Accessed January 23, 2015.
- California Department of Fish and Game. 2005. California Wildlife: Conservation Challenges. California's Wildlife Action Plan. Prepared by the U.C. Davis Wildlife Health Center. Bunn, D., A. Mummert, M. Hoshovsky, K. Gilardi, and S. Shanks, authors. Prepared for the California Department of Fish and Game. Sacramento, CA.
- California Emergency Management Agency. 2012. *California Adaptation Planning Guide: Understanding Local and Regional Characteristics*.
- California Energy Commission, California Department of Fish and Wildlife, U.S. Fish and Wildlife Services, and U.S. Bureau of Land Management. 2014. (September) Draft Environmental Impact Report and Environmental Impact Statement for the Desert Renewable Energy Conservation Plan.
- California Environmental Resources Evaluation System. CERES California Bioregions. Available: <http://ceres.ca.gov/geo_area/bioregions/Colorado_Desert/about.html>. Accessed January 25, 2015.
- CDFG. See California Department of Fish and Game.
- CEC. See California Energy Commission.
- CERES. See California Environmental Resources Evaluation System.
- Cleverly, J.R., S.D. Smith, A. Sala, and D.A. Devitt. 1997. Invasive capacity of *Tamarix ramosissima* in a Mojave Desert floodplain: The role of drought. *Oecologia* 111: 12-18.

- Coachella Valley Association of Governments. 2007 (September). Final Recirculated Coachella Valley Multiple Species Habitat Conservation Plan and Natural Community Conservation Plan.
- Cohen, M.J., J.I. Morrison, and E.P. Glenn. 1999. *Haven or Hazard: The ecology and future of the Salton Sea*. A report of the Pacific Institute for Studies in Development, Environment and Security. Oakland, California.
- Cohn, J.P. 2000. Saving the Salton Sea. *Bioscience* 50(4): 295-319.
- Desert Managers Group. 2002. Memorandum of Understanding, Mojave Weed Management Area.
- DMG. See Desert Managers Group.
- DOF. See California Department of Finance.
- Glenn, E.P., P.L. Zamora-Arroyo, M.B. Nagler, W. Shaw, and K. Flessa. 2001. Ecology and conservation biology of the Colorado River Delta, Mexico. *Journal of Arid Environments* 49: 5-15.
- Lines, G.C. 1999. Ground-water and Surface-water Relations along the Mojave River, Southern California. U.S. Geological Survey. *Water-Resources Investigations Report* 95-4189.
- McKnight, T.L. 1958. The feral burro in the United States: Distribution and problems. *Journal of Wildlife Management* 22:163-179.
- Mojave Water Agency. 2004. 2004 Regional Water Management Plan. Volume 1: Report. Adopted February 24, 2005.
- PRBO Conservation Science. 2011. Projected Effects of Climate Change in California: Ecoregional Summaries Emphasizing Consequences for Wildlife. Version 1.0. Available: <<http://data.prbo.org/apps/bssc/uploads/Ecoregional021011.pdf>>.
- San Diego County Water Authority. 2014. Quantification Settlement Agreement: For the Colorado River. October 2014.
- Shuford, W.D., N. Warnock, K.C. Molina, and K.K. Sturm. 2002. The Salton Sea as critical habitat to migratory and resident waterbirds. *Hydrobiologia* 473:255-274.
- Smith, S.D. 1999. Structure and function of riparian ecosystems in the Mojave Desert. Presentation at the Mojave Desert Science Symposium. U.S. Geological Survey, Western Ecological Research Center.
- U.S. Bureau of Land Management. 2005 (January). *West Mojave, A Habitat Conservation Plan and California Desert Conservation Area Plan Amendment, Volume 1, Final Environmental Impact Report and Statement*.

U.S. Fish and Wildlife Service. 2011. Revised recovery plan for the Mojave population of the desert tortoise (*Gopherus agassizii*). U.S. Fish and Wildlife Service, Pacific Southwest Region, Sacramento, California. 222 pp.

_____. 1994. Biological Opinion for cattle grazing on 25 allotments in the Mojave Desert.

USFWS. See U.S. Fish and Wildlife Service.

Wittenberg, R. and M.J.W. Cock. 2005. Best practices for the prevention and management of invasive alien species. Pages 209 -232 in H.A. Mooney, R.N. Mack, J.A. McNeely, L.E. Neville, P.J. Schei, and J.K. Waage (eds.), *Invasive Alien Species: A New Synthesis*. Island Press, Washington.

Section 5.7, "Marine Province"

BLM. See Bureau of Land Management.

Bureau of Land Management. 2013. California Coastal National Monument (CCNM) Resources Management Plan (RMP). Available: <http://www.blm.gov/ca/st/en/prog/blm_special_areas/nm/ccnm/ccnm_rmp_index.html>. Accessed April 2, 2015.

California Department of Fish & Game. 2008. California Marine Life Protection Act – Master Plan for Marine Protected Areas. Available: <<https://www.dfg.ca.gov/marine/pdfs/revisedmp0108.pdf>>. Accessed March 30, 2015.

_____. 2005a. California's Wildlife Action Plan. Available: <<http://www.dfg.ca.gov/SWAP/2005/docs/SWAP-2005.pdf>>. Accessed December 3, 2014.

_____. 2005b. Regional Profile of the Central Coast Study Region. Available: <http://www.dfg.ca.gov/marine/pdfs/rpccsr_091905.pdf>. Accessed December 11, 2014.

_____. 2007. Regional Profile of the North Central Coast Study Region. Available: <<http://www.dfg.ca.gov/marine/pdfs/nccprofile/profile.pdf>>. Accessed December 11, 2014.

_____. 2009. Regional Profile of the South Coast Study Region. Available: <http://www.dfg.ca.gov/marine/pdfs/rpsc/body_part1.pdf>. Accessed December 11, 2014.

_____. 2010. Regional Profile of the North Coast Study Region. Available: <<http://www.dfg.ca.gov/marine/pdfs/rpnc0410/profile.pdf>>. Accessed December 11, 2014.

California Department of Fish and Wildlife. 2014a. Guide to the Northern California Marine Protected Areas. Available: <<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=58020&inline=true>>. Accessed December 10, 2014.

- . 2014b. Guide to the North Central California Marine Protected Areas. Available: <<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=46453&inline=true>>. Accessed December 10, 2014.
- . 2014c. Guide to the Central California Marine Protected Areas. Available: <<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=46084&inline=true>>. Accessed December 10, 2014.
- . 2014d. Guide to the Southern California Marine Protected Areas. Available: <<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=43293&inline=true>>. Accessed December 10, 2014.
- . 2015. California's Marine Protected Area (MPA) Network. Available: <http://www.dfg.ca.gov/marine/mpa/mpa_summary.asp>. Accessed March 24, 2015.
- . n.d. Elkhorn Slough National Estuarine Research Reserve. Available: <<https://www.wildlife.ca.gov/Lands/Places-to-Visit/Elkhorn-Slough-ER>>. Accessed March 31, 2015.

California State Coastal Conservancy and Ocean Protection Council. San Francisco Bay Subtidal Habitat Goals Report. 2010. California State Coastal Conservancy and Ocean Protection Council. Oakland, CA.

CDFG. See California Department of Fish and Game.

CDFW. See California Department of Fish and Wildlife.

Federal Geographic Data Committee. 2012. Coastal and Marine Ecological Classification Standard Version 4.0. United States Geological Survey (USGS). 329pp. Available: <http://coast.noaa.gov/digitalcoast/sites/default/files/files/publications/14052013/CMEC_S_Version%204_Final_for_FGDC.pdf>. Accessed December 29, 2014.

Gaines, S., B. Gaylord, and J. Largier. 2003. Avoiding Current Oversights in Marine Reserve Design. *Ecological Applications* 13:32–46.

Gaines, S., S. Lester, C. Grorud-Colvert, C. Costello, and R. Pollnac. 2010a. Evolving Science of Marine Reserves: New Developments and Emerging Research Frontiers. *Proceedings of the National Academy of Sciences* 107(43):18251–18255.

Gaines, S., C. White, M. Carr, and S. Palumbi. 2010b. Designing Marine Reserve Networks For Both Conservation And Fisheries Management. *Proceedings of the National Academy of Sciences* 107(43):18286–18293.

- Gleason, M., S. Newkirk, M. Merrifield, J. Howard, R. Cox, M. Webb, J. Koepcke, B. Stranko, B. Taylor, M. Beck, R. Fuller, P. Dye, D. Vander Schaaf, and J. Carter. 2011. A Conservation Assessment of West Coast (USA) Estuaries. Arlington VA: The Nature Conservancy.
- Good, J. n.d. Estuarine Science, Management, and Restoration. Chapter 10. Oregon government document. Available: <<http://www.oregon.gov/DSL/SSNERR/docs/WSEP.pdf>>. Accessed December 29, 2014.
- Gulf of the Farallones. 2010. 2010 Condition Report, State of Sanctuary Resources: Estuarine and Lagoon Zone – Water Quality. Available: <http://sanctuaries.noaa.gov/science/condition/gfnms/state_estuarine.html>. Accessed December 29, 2014.
- Hayslip, G., L. Edmond, V. Partridge, W. Nelson, H. Lee, F. Cole, J. Lamberson, and L. Caton. 2006. Ecological Condition of the Estuaries of Oregon and Washington. EPA 910-R-06-001. U.S. Environmental Protection Agency, Office of Environmental Assessment, Region 10, Seattle, Washington. 73pp. Available: <<http://www.epa.gov/emap2/west/html/docs/CEMAPfinal.pdf>>. Accessed December 29, 2014.
- Hewson, I., J. Button, B. Gudenkauf, B. Miner, A. Newton, J. Gaydos, J. Wynne, C. Groves, G. Hendler, M. Murray, S. Fradkin, M. Breitbart, E. Fahsbender, K. Lafferty, A. Kilpatrick, C. Miner, P. Raimondi, L. Lahner, C. Friedman, S. Daniels, M. Haulena, J. Marliave, C. Burge, M. Eisenlord, and C. Harvell. 2014. Densovirus Associated with Sea-star Wasting Disease and Mass Mortality. *Proceedings of the National Academy of Sciences* 111(48):17278-17283.
- Jacobs, D., E. D. Stein, and T. Longcore. 2011. Classification of California Estuaries Based on Natural Closure Patterns: Templates for Restoration and Management. Revised. SCCWRP Technical Report.
- Johnson, C., M. Tinker, J. Estes, P. Conrad, M. Staedler, M. Miller, D. Jessup, and J. Mazet. 2009. Prey Choice and Habitat Use Drive Sea Otter Pathogen Exposure in a Resource-limited Coastal System. *Proceedings of the National Academy of Sciences* 106(7):2242-2247.
- Johnson, M. L., and J. Sandell. 2014. *Advances in Marine Biology: Marine Managed Areas and Fisheries*. London: Elsevier.
- Knapp, J., J. Randall, C. Boser, and S. Morrison. 2015. Santa Cruz Island Ecological Management Strategy 2015-2025. Santa Cruz, CA: The Nature Conservancy,
- Laird, A., B. Powell, and J. Anderson. 2013. Humboldt Bay. Shoreline Inventory, Mapping and Sea Level Rise Vulnerability Assessment. Prepared for State Coastal Conservancy. 158pp. Available: <<http://scc.ca.gov/webmaster/ftp/pdf/humboldt-bay-shoreline.pdf>>. Accessed December 29, 2014.

- Merriam-Webster.com. 2015. Lagoon. Available: <<http://www.merriam-webster.com/dictionary/lagoon>>. Accessed March 31, 2015.
- Monroe, M. 1999. Shallow Bay and Channel. In *Baylands Ecosystems: Habitat Goals*. San Francisco Bay Area Wetlands Ecosystem Goals Project, 76. Oakland, CA.: Alonzo Environmental.
- National Ocean Economics Program. 2014. State of the U.S. Ocean and Coastal Economies. Available: <<http://oceanomics.org/Download/>>. Accessed March 25, 2015.
- National Oceanic and Atmospheric Administration. 2008. Southern Sea Otter (*Enhydra lutris nereis*). Available: <http://www.nmfs.noaa.gov/pr/pdfs/sars/seaotter2008_ca.pdf>. Accessed December 16, 2014.
- . 2013a. National Coastal Population Report: Population Trends from 1970 to 2020. Available: <<http://stateofthecoast.noaa.gov/features/coastal-population-report.pdf>>. Last updated March 2013. Accessed December 29, 2014.
- . 2013b. Communities: The U.S. Population Living at the Coast. Available: <<http://stateofthecoast.noaa.gov/population/welcome.html>>. Last updated March 14, 2013. Accessed December 29, 2014.
- . 2013c. NOAA Report Highlights Climate Change Threats to Nation's Estuaries. Available: <http://www.noaaneews.noaa.gov/stories2013/20130807_nerrclimaterreport.html>. Last updated August 7, 2013. Accessed March 25, 2015.
- . 2013d. Sperm Whales (*Physeter macrocephalus*). Available: <<http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/spermwhale.htm>>. Last updated November 13, 2013. Accessed December 16, 2014.
- . 2012. Sei Whale (*Balaenoptera borealis*). Available: <<http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/seiwhale.htm>>. Last updated November 23, 2012. Accessed December 16, 2014.
- . 2013e. North Pacific Right Whale (*Eubalaena japonica*). Available: <http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/rightwhale_northpacific.htm>. Last updated June 6, 2013. Accessed December 16, 2014.
- . 2013f. Fin Whale (*Balaenoptera physalus*). Available: <<http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/finwhale.htm>>. Last updated September 4, 2013. Accessed December 16, 2014.

- . 2014a. Blue Whale (*Balaenoptera musculus*). Available: <<http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/bluewhale.htm>>. Last updated May 28, 2014. Accessed December 16, 2014.
- . 2014b. Leatherback Turtle (*Dermochelys coriacea*). Available: <<http://www.nmfs.noaa.gov/pr/species/turtles/leatherback.htm>>. Last updated June 23, 2014. Accessed December 16, 2014.
- . 2014c. Killer Whale (*Orcinus orca*). Available: <<http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/killerwhale.htm>>. Last updated June 25, 2014. Accessed December 16, 2014.
- . 2014d. Humpback Whale (*Megaptera novaeangliae*). Available: <<http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/humpbackwhale.htm>>. Last updated July 11, 2014. Accessed December 16, 2014.
- . 2014e. Green Turtle (*Chelonia mydas*). Available: <<http://www.nmfs.noaa.gov/pr/species/turtles/green.htm>>. Last updated October 30, 2014. Accessed December 16, 2014.
- . 2014f. Olive Ridley Turtle (*Lepidochelys olivacea*). Available: <<http://www.nmfs.noaa.gov/pr/species/turtles/oliveridley.htm>>. Last updated October 30, 2014. Accessed December 16, 2014.
- . 2014g. Guadalupe Fur Seal (*Arctocephalus Townsendi*). Available: <<http://www.nmfs.noaa.gov/pr/species/mammals/pinnipeds/guadalupefurseal.htm>>. Last updated November 5, 2014. Accessed December 16, 2014.
- . 2014h. Loggerhead Turtle (*Caretta caretta*). Available: <<http://www.nmfs.noaa.gov/pr/species/turtles/loggerhead.htm>>. Last updated December 15, 2014. Accessed December 16, 2014.

NOAA. See National Oceanic and Atmospheric Administration.

NOEP. See National Ocean Economics Program.

NOAA Fisheries. 2014. Southwest Fisheries Science Center – Research in the California Current. Available: <<https://swfsc.noaa.gov/textblock.aspx?id=1051>>. Accessed March 24, 2015.

Oates, S., M. Miller, B. Byrne, N. Chouicha, D. Hardin, D. Jessup, C. Dominik, A. Roug, A. Schriewer, S. Jang, and W. Miller. 2012. Epidemiology and Potential Land-sea Transfer of Enteric Bacteria from Terrestrial to Marine Species in the Monterey Bay Region of California. *Journal of Wildlife Diseases* 48(3):654-668.

- OceanSpaces. 2015a. Mid-Depth Rock Ecosystems (30-100 m depth). Available: <<http://stateofthecoast.org/topic/mid-depth-rock-ecosystems-30-100-m-depth>>. Accessed March 30, 2015.
- OceanSpaces. 2015b. Deep Ecosystems (>100 m). Available: <<http://stateofthecoast.org/topic/deep-ecosystems-100-m>>. Accessed March 30, 2015.
- Okey, T.A., H.M. Alidina, A. Montenegro, V. Lo, S. Jessen. 2012. Climate change impacts and vulnerabilities in Canada's Pacific marine ecosystems. CPAWS BC and WWF-Canada, Vancouver, BC. 156pp. Available: <http://awsassets.wwf.ca/downloads/climate_change_impacts_and_vulnerabilities_in_canadas_pacific_marine_ecosystems.pdf>. Accessed December 29, 2014.
- Oregon Department of Land Conservation and Development. 2001. A Citizen's Guide to the Oregon Coastal Management Program. 635 Capitol Street N.E., Suite 150, Salem Oregon. 32pp. Accessed December 29, 2014. <<http://www.oregon.gov/LCD/docs/publications/citznqid.pdf>>.
- Perry, B. Circulation in the Southern California Bight. 2008. University of California, Long Beach.
- Robinson, P., A.K. Leight, D. Trueblood, and B. Wood. 2013. Climate sensitivity of the National Estuarine Research Reserve System. Report to NOAA's Climate Program Office.
- San Luis Obispo Science and Ecosystem Alliance. 2008. Achieving Management and Conservation Goals Through the Application of Ecosystem-based Management on the Central Coast of California. 74pp. Available: <<https://www.conservationgateway.org/Documents/SLOSEA%20Executive%20Summary%20-%202008-27-2008.pdf>>. Accessed December 29, 2014.
- Schaffer, K. 2002. Revision to Marine and Estuarine Habitats of the California Wildlife Habitat Relationship System. Fish and Wildlife Internal Document.
- Schlosser, S., B. Price-Hall, A. Eicher, A. Hohl, D. Mierau, and G. Crawford. 2009. Humboldt Bay Initiative: Adaptive Management in a Changing World. 86pp. Available: <<http://ca-sgep.ucsd.edu/sites/ca-sgep.ucsd.edu/files/advisors/humboldt/files/HBI%20StratPlan2009.pdf>>. Accessed December 29, 2014.
- Sherman, K., P. Celone, and S. Adams. 2004. NOAA Fisheries Service's Large Marine Ecosystems Program: Status Report. Woods Hole, MA: NOAA.
- Stephens, K. 2012. To Open Or Not to Open, That Is the Question.... NSW 2012 Coastal Conference. 11pp. Available: <<http://www.coastalconference.com/2012/papers2012/Kerryn%20Stephens%20Full%20Paper.pdf>>. Accessed December 29, 2014.

- Tillman, T. 2013. California's Marine Eco-Regions. Available: <<https://calswap.wordpress.com/2013/09/18/californias-marine-eco-regions/>>. Accessed March 24, 2015.
- Tomczak, M. 1996. Definition of estuaries; empirical estuary classification. Shelf and Coastal Zone Lecture Notes, Chapter 11. Available: <<http://www.es.flinders.edu.au/~mattom/ShelfCoast/chapter11.html>>. Accessed December 11, 2014.
- U.S. Department of Agriculture. 2005. Description of Ecological Subregions: Sections of the Conterminous United States. Available: <http://na.fs.fed.us/sustainability/ecomap/section_descriptions.pdf>. Accessed December 10, 2014.
- U.S. Geological Survey. 2014. Land Cover Report for California. Available: <<http://gapanalysis.usgs.gov/gaplandcover/data/download/>>. Last updated September 2, 2014. Accessed December 17, 2014.
- USDA. See U.S. Department of Agriculture.
- USGS. See U.S. Geological Survey.
- Woolfolk, A. and Q. Labadie. 2012. The Significance of Pickleweed-Dominated Tidal Salt Marsh in Elkhorn Slough, California: A Literature Review. Elkhorn Slough technical Report Series 2012:4. 20pp.
- Chapter 6, "Anadromous Fish"**
- California Department of Fish and Game. 2004. Recovery strategy for California coho salmon. Report to the California Fish and Game Commission. 594 pp.
- _____. 2009. Report to the Fish and Game Commission: A status review of the longfin smelt (*Spirinchus thaleichthys*) in California. 46 pp.
- California Hatchery Scientific Review Group. 2012. California Hatchery Review Report. Prepared for the United States Fish and Wildlife Service and Pacific States Marine Fisheries Commission. June 2012. 110 pp.
- CDFG. See California Department of Fish and Game.
- Goodman, D.H. and S.B. Reid. 2012. *Pacific Lamprey (Entosphenus tridentatus) Assessment and Template for Conservation Measures in California*. U.S. Fish and Wildlife Service, Arcata, California. 117 pp.
- Groot, C. and L. Margolis. 1991. *Pacific Salmon Life Histories*. University of British Columbia Press. 564 pp.
- Israel, J., A. Drauch, and M. Gingras. 2010. Life history conceptual model for white sturgeon (*Acipenser transmontanus*). *Ecosystem Restoration Program Delta Plan*. 53 pp.

- Leidy, R.A. 2007. Ecology, assemblage structure, distribution, and status of fishes in streams tributary to the San Francisco estuary, California. San Francisco Estuary Institute Contribution 530, SFEI, Oakland, CA. 198 pp.
- Leidy, R.A. and G.R. Leidy. 1984. Life stage periodicities of anadromous salmonids in the Klamath River Basin, northwestern California. U.S. Fish and Wildlife Service Report, Sacramento, CA. 39 pp.
- Lund, J, E. Hanak, W. Fleenor, R. Howitt, J. Mount, and P. Moyle. 2007. Envisioning Futures for the Sacramento-San Joaquin Delta. Public Policy Institute of California, 281 pp.
- Moyle, P.B. 2002. Inland Fishes of California, Revised and Expanded. University of California Press. 517 pp.
- Moyle, Peter B., Joseph D. Kiernan, Patrick K. Crain, and Rebecca M. Quiñones (University of California, Davis). 2012. Projected Effects of Future Climates on Freshwater Fishes of California. California Energy Commission. Publication number: CEC-500-2012-028. 60 pp.
- Moyle, P.B. J.A. Israel, and S. E. Purdy. 2008. Salmon, steelhead, and trout in California: status of an emblematic fauna. University of California, Davis Center for Watershed Sciences. 316 pp.
- National Marine Fisheries Service. 2012. Southern California Steelhead Recovery Plan. Southwest Region, Protected Resources Division, Long Beach, California. 663 pp.
- _____. 2012. Final Recovery Plan for Central California Coast coho salmon Evolutionarily Significant Unit. National Marine Fisheries Service, Southwest Region, Santa Rosa, California. 364 pp.
- _____. 2013. South-Central California Coast Steelhead Recovery Plan. West Coast Region, California Coastal Area Office, Long Beach, California. 477 pp.
- _____. 2014. Recovery Plan for the Evolutionarily Significant Units of Sacramento River Winter-run Chinook Salmon and Central Valley Spring-run Chinook Salmon and the Distinct Population Segment of California Central Valley Steelhead. California Central Valley Area Office. July 2014. 427 pp.
- _____. 2014. *Final Recovery Plan for the Southern Oregon/Northern California Coast Evolutionarily Significant Unit of Coho Salmon (Oncorhynchus kisutch)*. National Marine Fisheries Service. Arcata, CA. 1,841 pp.
- NMFS. See National Marine Fisheries Service.
- Roni, P. and T. Beechie. eds. 2013. Stream and watershed restoration: a guide to restoring riverine processes and habitats. Wiley and Blackwell. 300 pp.

Rosenfield, J.A. 2007. Life history conceptual model and sub-models for longfin smelt, San Francisco estuary population. Delta Regional Ecosystems Restoration Implementation Plan. 43 pp.

Wild Salmon Center. 2012. The California Salmon Stronghold Initiative. Prepared for California Department of Fish and Game on behalf of the California Stronghold Team. 87 pp.

Chapter 7, "Implementation and Integration"

AFWA. See Association of Fish & Wildlife Agencies.

Association of Fish & Wildlife Agencies. 2012 (November). *Best Practices for State Wildlife Action Plans*.

Association of Fish & Wildlife Agencies and U.S. Fish and Wildlife Service. 2007. Guidance for Wildlife Action Plan Review and Revisions. July 21, 2007.

California Energy Commission, California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, and U.S. Bureau of Land Management. 2014 (September). *Draft Environmental Impact Report and Environmental Impact Statement for the California Desert Renewable Energy Conservation Plan*.

California Department of Fish and Game. 2008 (January). California Marine Life Protection Act Master Plan for Marine Protected Areas. Revised Draft.

California Department of Fish and Game and Caltrans. 2010 (February). California Essential Habitat Connectivity Project: A Strategy for Conserving a Connected California.

California Department of Forestry and Fire Protection and U.S. Forest Service. 2010 (June). California's Forests and Rangelands: 2010 Assessment. Fire and Resources Assessment Program.

California Department of Water Resources. 2013a. California Water Plan. Update 2013. Investing in Innovation and Infrastructure. Available: <<http://www.waterplan.water.ca.gov/cwpu2013/final/index.cfm>>.

_____. 2013b (November). *Bay Delta Conservation Plan – Public Draft*.

_____. 2015 (January). Central Valley Flood System Conservation Strategy. Part of the Central Valley Flood Protection Plan. Draft.

CAL FIRE. See California Department of Forestry and Fire Protection.

CDFG. See California Department of Fish and Game.

CDFW. See California Department of Fish and Wildlife.

DWR. See California Department of Water Resources.

Wildlife Conservation Board. 2012. Wildlife Conservation Board 2012 Annual Report.

_____. 2014. California Wildlife Conservation Board Strategic Plan 2014. August 2014.

WCB. See Wildlife Conservation Board.

U.S. Congress. 2000. 106th Congress Public Law 553.

U.S. Forest Service. 2012. National Forest System Land Management Planning. Final Rule. 36 CFR 219, FR Vol. 77, No. 68, page 21162 et seq.

_____. 2013. Land Management Planning Handbook – FSH 1909.12. Proposed Draft. February 27, 2013.

USFS. See U.S. Forest Service.

USFWS. See U.S. Fish and Wildlife Service

Chapter 8, “Monitoring California’s Conservation Strategies”

AFWA. See Association of Fish & Wildlife Agencies.

Allen, C.R. and George H. Stankey, Eds. 2009. *Adaptive Environmental Management: A Practitioners Guide*.

Allen, C.R., and L.H. Gunderson. 2011. Pathology and failure in the design and implementation of adaptive management. *Journal of Environmental Management* 92(5):1379-1384.

Allen, C.R., J.J. Fontaine, K.L. Pope, and A. S. Garmestani. 2011. Adaptive management for a turbulent future. *Journal of Environmental Management* 92(5):1339-1345.

Association of Fish & Wildlife Agencies. 2011 (April). *Measuring the Effectiveness of State Wildlife Grants: Final Report*. A product of the Association of Fish & Wildlife Agencies’ Teaming with Wildlife Committee.

Atkinson, A.J., P.C. Trenham, R.N. Fisher, S.A. Hathaway, B.S. Johnson, S.G. Torres, and Y.C. Moore. 2004. Designing monitoring programs in an adaptive management context for regional multiple species conservation plans. U.S. Geological Survey Technical Report. USGS Western Ecological Research Center, Sacramento, CA. Available: <<http://www.werc.usgs.gov/ProductDetails.aspx?ID=3005>>.

California Department of Fish and Game. 2005. California Wildlife: Conservation Challenges. California’s Wildlife Action Plan. Prepared by D. Bunn, A. Mummert, M. Hoshovsky, K. Gilardi, and S. Shanks. U.C. Davis Wildlife Health Center. 597 p.

California Department of Fish and Wildlife. 2014 (July). *Incorporation of Adaptive Management into Conservation Planning and Resources Management*. Prepared by Adam Ballard, Helen Birss, Randy Botta, Scott Cantrell, Armand Gonzales, Brenda Johnson, Hildie Spautz, Steve Torres, and Julie Yamamoto. CDFW Science Institute. Available: <www.dfg.ca.gov/science>.

CDFG. See California Department of Fish and Game.

CDFW. See California Department of Fish and Wildlife.

Delta Stewardship Council. 2013. *Delta Plan*. Adopted on 16 May 2013. Available: <<http://deltacouncil.ca.gov/delta-plan-0>>.

Fontaine, J.J. 2011. Improving our legacy: Incorporation of adaptive management into state wildlife action plans. *Journal of Environmental Management* 92(5):1403-1408.

Gregory, R., D. Ohlson, and J. Arvai. 2006. Deconstructing adaptive management: criteria for applications to environmental management. *Ecological Applications* 16(6):2411-2425.

National Research Council. 2004. *Adaptive Management for Water Resources Planning*. The National Academies Press. Washington, D.C.

Noss, R.F., M.A. O'Connell, and D.D. Murphy. 1997. *The Science of Conservation Planning: Habitat Conservation under the Endangered Species Act*. Island Press, Washington, D.C. 246 p.

Walters, C.J. 2007. Is adaptive management helping to solve fisheries problems? *Ambio* 36(4):304-307.

Williams, B.K., R.C. Szaro, and C.D. Shapiro. 2009. *Adaptive Management: The U.S. Department of the Interior Technical Guide*. Adaptive Management Working Group, U.S. Department of the Interior, Washington, D.C. Available: <<http://www.doi.gov/ppa/Adaptive-Management.cfm>>.

Williams, B.K. 2011. Adaptive management of natural resources - framework and issues. *Journal of Environmental Management* 92(5):1346-1353.