

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
All Resources	Anonymous	1998	Feasibility Report, Yuba River Basin Investigation, California.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
All Resources	Ayres Associates	1997	Yuba River Basin, California Project. Prepared for the U.S. Army Corps of Engineers, Sacramento District, Contract No. DACW05-92-C-0077.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
All Resources	EDAW and Flood Control Study Team	2004	Three Rivers Levee Improvement Authority. 2004. Final Environmental Impact Report for the Feather-Bear Rivers Levee Setback Project, an Element of the Yuba-Feather Supplemental Flood Control Project. (State Clearinghouse No. 2004072113.) Prepared by EDAW and Flood Control Study Team November 2004	--	SYRCL PAD Questionnaire Response July 17, 2009 Note this document has been updated. See Geology	--	<a href="http://www.trlia.org/Feather%20River%20EIR.asp">http://www.trlia.org/Feather%20River%20EIR.asp</a> .
All Resources	EDAW, Jones and Stokes and Flood Control Study Team.	2003	Environmental Impact Report for the Yuba-Feather Supplemental Flood Control Project. Prepared for Yuba County Water Agency; 2003; State Clearinghouse # 2001072062.	--	FWN PAD Questionnaire Response July 27, 2009	Regional background information.	Do not have; have mit neg dec, though. State Clearinghouse #2003 2001072062
All Resources	Monohan, Carrie.	2007	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	--	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
All Resources	SYRCL	In Press	SYRCL Spatial Analysis of Yuba Rivers and Risk Assessment – Expected release April 2009	--	SYRCL PAD Questionnaire Response July 17, 2009	--	SYRCL (to be provided)
All Resources	Yarnell, Sarah et al.	2008	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	--	--	--	HDR DTA Sacramento
All Resources	Yuba County Water Agency	2002	Initial Study and Proposed Mitigated Negative Declaration Feasibility of Tailwater Depression at New Colgate Powerhouse. An Element of the Yuba-Feather Supplemental Flood Control Project. Prepared by EDAW and Flood Control Study Team. September 2002.	--	SYRCL PAD Questionnaire Response July 17, 2009; FWN PAD Questionnaire July 27, 2009	In addition to information on the operation and construction of Colgate, the study has tables of powerhouse, releases, storage and stage at New Bullards Bar and river flows at Colgate and below Englebright from 1/17/74 through 1/9/97	HDR DTA Sacramento
All Resources	Yuba County Water Agency	2003	Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW, November 26, 2003	--	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
All Resources	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. October	Prepared by HDR SWRI	--	Document details how Yuba River flow management affects species that occur within the watershed	<a href="http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549">http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549</a>
All Resources	Yuba County Water Agency.	1998	Narrows II Powerhouse Intake Extension: Proposed Mitigated Negative Declaration and Initial Study. Marysville CA: Yuba County Water Agency. October 1998.	--	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Amphibians, RT&E Species Resources	Allen M.F, and T. Tennent.	2000	Evaluation of Critical Habitat for the California Red Legged Frog. Center for Conservation Biology, University of California at Riverside. 2000. Notes: downloaded pdf	--	FWN PAD Questionnaire Response July 27, 2009	General information. Aspects of the proposed critical habitat for California red-legged frog are reviewed. Does not include new information. The review is critical of certain aspects, including lack of specific criteria for designation of critical habitat, the approach for controlling introduced species and critical habitat units for the southernmost occurrences of California red-legged frog	HDR DTA Sacramento
Amphibians	California Academy of Sciences	1989	Final report of the status of the California redlegged frog ( <i>Rana aurora draytonii</i> ) in the Pescadero Marsh Natural Preserve. California Academy of Sciences, 56 pp.	--	FWN PAD Questionnaire Response July 27, 2009	Unavailable - have not reviewed (likley to represent general information)	Do not have -- Request a copy
Amphibians	California Department of Fish and Game (CDFG).	2001	Fish and Amphibian Inventory Data Sheet Instructions. Version 1.0. Based on fish and amphibian survey protocols developed by R. Knapp. Sierra Nevada Aquatic Research Laboratory, University of California, Mammoth Lakes, California. 11 June, 2001.	--	FWN PAD Questionnaire Response July 27, 2009	General information.	HDR DTA Bellingham

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Amphibians	ECORP Consulting, Inc.	2005	Draft results of the 2004 (Year 1) amphibian monitoring program for foothill yellow-legged frog and mountain yellow-legged frog. El Dorado Hydroelectric Project (FERC Project No. 184). Report to El Dorado Irrigation District. May 18, 2005.	--	--	Cited in text. Report describes and documents foothill yellow-legged frog habitat.	HDR DTA Bellingham
Amphibians	Frost, D.R., T. Grant, J.N. Faivovich, R.H. Bain, A. Haas, C.F.B. Haddad, R.O. De Sá, A. Channing, M. Wilkinson, S.C. Donnellan, C.J. Raxworthy, J.A. Campbell, B.L. Blotto, P. Moler, R.C. Drewes, R.A. Nussbaum, J.D. Lynch, D.M. Green, and W.C. Wheeler.	2006	The Amphibian tree of life. Bulletin of the American Museum of Natural History 297:1-370.	--	--	Cited in text. Summarizes recent taxonomic revisions of Amphibia based on molecular evidence and available scientific names	PDF
Amphibians	Hayes, M.P and M. R. Jennings	1988	Habitat correlates of distribution of the California red-legged frog ( <i>Rana aurora draytonii</i> ) and the foothill yellow-legged frog ( <i>Rana boylei</i> ): Implications for management. pp. 144-158. In Szaro, Robert C.; Severson, Kieth E.; Patton, David R., technical coordinators. Management of amphibians, reptiles, and small mammals in North America: Proceedings of the symposium; 1988 July 19-21; Flagstaff, AZ. Gen. Tech. Rep. RM-166. 458 pp.	Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station.	FWN PAD Questionnaire Response July 27, 2009	Background information. Article compares habitat features used by California red-legged frog and foothill yellow-legged frog, and identifies key factors which may govern their occurrence.	<a href="http://www.fs.fed.us/rm/pubs_rm/rm_gtr166.html">http://www.fs.fed.us/rm/pubs_rm/rm_gtr166.html</a>
Turtles	Holland, D. C.	1991	A synopsis of the ecology and status of the western pond turtle ( <i>Clemmys marmorata</i> ) in 1991. Prepared for USFWS, National Ecology Research Center, San Simeon Field Station. 141 pp. + Appendices.	--	--	Cited in text. Summary of natural history information	HDR DTA Bellingham
Amphibians	Jennings, M. R. and M. P. Hayes	1985	Pre-1900 overharvest of California red-legged frogs ( <i>Rana aurora draytonii</i> ): the inducement for bullfrog ( <i>Rana catesbiana</i> ) introduction. Herpetologica 41:94-103.	--	FWN PAD Questionnaire Response July 27, 2009	Background information. Reviews historical accounts that suggest that overharvest of California red-legged frogs for food was a principal factor in the early decline of this species and the impetus for the deliberate introduction of bullfrogs to California	HDR DTA Bellingham
Amphibians, Reptiles, and Turtles	Jennings, M. R. and M. P. Hayes	1994	Amphibian and reptile species of special concern in California. Prepared by California Academy of Sciences, Department of Herpetology San Francisco and Portland State University Department of Biology Portland and Oregon or California Department of Fish and Game, Inland Fisheries Division Rancho Cordova.	--	FWN PAD Questionnaire Response July 27, 2009	cited in text. This report reviewed data on 80 amphibian and reptile taxa native to the State of California. All taxa potentially candidates for State or Federal "Threatened" or "Endangered" species listing were examined. Review of available data revealed that 48 of these 80 taxa warranted listing at some level.	HDR DTA Bellingham; HDR DTA Sacramento
Amphibians	Knapp, R.	Multiple dates	Mountain yellow-legged frog website. Sierra Nevada Aquatic Research Laboratory, University of California, Mammoth Lakes	--	FWN PAD Questionnaire Response July 27, 2009	Background information. Publications examine the effects of introduced fish on lake ecosystems, the role of emerging disease in driving amphibian declines, and taxonomy of lake-dwelling fauna.	<a href="http://vesr.ucnrs.org/pages/knapp/publications/publications.html">http://vesr.ucnrs.org/pages/knapp/publications/publications.html</a>
Amphibians	Knapp R.A. and K.R. Matthews	2000	Non-native fish introductions and the decline of the mountain yellow-legged frog ( <i>Rana muscosa</i> ) from within protected areas. Conservation Biology 14:428-438.	--	--	Cited in text. Provides compelling evidence that the introduction of fish into areas formerly free of fish has been a principal factor in decline of mountain yellow-legged frog species complex, including Sierra Nevada yellow-legged frog	--

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Amphibians	Kupferberg, S. J.	1996	Hydrologic and geomorphic factors affecting conservation of a river-breeding frog ( <i>Rana boylei</i> ). <i>Ecological Applications</i> . 6(4):1332-1334.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Article describes functional relationship between physical habitat and reproduction of the foothill yellow-legged frog.	Do not have
Amphibians	Kupferberg, S. J.	1997	Bullfrog ( <i>Rana catesbiana</i> ) invasion of a California river: the role of larval competition. <i>Ecology</i> 78:1736-1751.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Provides evidence that bullfrog larvae have a competition advantage in habitats with fish, compared to California native frogs	Do not have
Amphibians	Lind, A.	1997	Survey protocol for foothill yellow-legged frogs ( <i>Rana boylei</i> ) in streams. USDA Forest Service, Pacific Southwest Research Station, Arcata, California.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Survey methods to determine the presence, distribution, habitat utilization, and relative abundance of the foothill yellow-legged frog ( <i>Rana boylei</i> ) (FYLF).	<a href="http://www.canvamphibs.com/pdf/FYLFMethods052002.pdf">http://www.canvamphibs.com/pdf/FYLFMethods052002.pdf</a>
Amphibians	Lind, A. J. A.J. Welch, and R. A. Wilson.	1996	The effects of a dam on breeding habitat and egg survival of the foothill yellow-legged frog ( <i>Rana boylei</i> ) in Northwestern California. <i>Herpetological Review</i> . 996; 27(2):62-67.	--	FWN PAD Questionnaire Response July 27, 2009	General information. This article assessed habitat conditions in potential foothill yellow-legged frog breeding areas resulting from an impoundment on the Trinity River and scouring of egg masses from releases	<a href="http://www.treesearch.fs.fed.us/pubs/3528">http://www.treesearch.fs.fed.us/pubs/3528</a>
Amphibians	Matthews, R. K., L. K. Vance, and I. Lacan	2005	Draft report on the movement patterns and habitat use of <i>Rana muscosa</i> on the Plumas National Forest. November 18, 2005. Unpublished report for the USDA Forest Service, Pacific Southwest Research Station, Sierra Nevada Research Center.	--	--	Cited in text. Includes information on mid-elevation stream-associated occurrences of Sierra Nevada yellow legged frog on the Plumas National Forest	HDR DTA Bellingham
Amphibians	Moyle, P.B.	1973	Effects of introduced bullfrogs, <i>Rana catesbeiana</i> , on the native frogs of the San Joaquin Valley, California. <i>Copeia</i> 1973: 18-22.	--	--	Cited in text. Correlates the introduction and spread of bullfrogs in the San Joaquin Valley to the decline of native frogs	HDR DTA Bellingham
Amphibians	Pope, K.L., and K.R. Matthews	2001	Movement ecology and seasonal distribution of mountain yellow-legged frogs, <i>Rana muscosa</i> , in a high-elevation Sierra Nevada basin. <i>Copeia</i> 2001:787-793.	--	--	Cited in text. Study finds that summer frog densities (number per meter of shoreline) are positively related to water temperature, air temperature, maximum lake depth, and presence of <i>H. regilla</i> larvae and negatively related to presence of trout.	HDR DTA Bellingham
Amphibians	Rathbun, G. B., N. J. Scott, and T. G. Murphey.	2002	Terrestrial habitat use by Pacific pond turtles in a Mediterranean climate. <i>The Southwestern Naturalist</i> 47:225-235.	--	--	Cited in text. Article describes terrestrial habitat use by turtles.	<a href="http://research.calacademy.org/files/Departments/om/Rathbun%202002%20SouthwestNat.pdf">http://research.calacademy.org/files/Departments/om/Rathbun%202002%20SouthwestNat.pdf</a>
Amphibians	Recuero, E., I. Martinez-Solano, G. Parra-Olea, and M. Garcia-Paris	2006	Phylogeography of <i>Pseudacris regilla</i> (Anura: Hylidae) in western North America, with a proposal for a new taxonomic rearrangement. <i>Molecular Phylogenetics and Evolution</i> 39 (2006):293-304.	--	--	Cited in text. Uses molecular evidence as evidence that <i>Pseudacris regilla</i> (Pacific treefrog) should be partitioned into three species	<a href="http://www.sciencedirect.com/science?_ob=ArticleURL&amp;_udi=B6WNH-4JRVMXC-2&amp;_user=10&amp;_coverDate=05%2F31%2F2006&amp;_rdoc=1&amp;_fmt=high&amp;_orig=search&amp;_sort=d&amp;_docanchor=&amp;view=c&amp;_searchStrId=1425935179&amp;_rerunOrigin=google&amp;_acct=C000050221&amp;_version=1&amp;_urlVersion=0&amp;_userid=10&amp;md5=9087d275b8bbe2574c9da851971ae4fc">http://www.sciencedirect.com/science?_ob=ArticleURL&amp;_udi=B6WNH-4JRVMXC-2&amp;_user=10&amp;_coverDate=05%2F31%2F2006&amp;_rdoc=1&amp;_fmt=high&amp;_orig=search&amp;_sort=d&amp;_docanchor=&amp;view=c&amp;_searchStrId=1425935179&amp;_rerunOrigin=google&amp;_acct=C000050221&amp;_version=1&amp;_urlVersion=0&amp;_userid=10&amp;md5=9087d275b8bbe2574c9da851971ae4fc</a>
Amphibians	Recuero, E., I. Martinez-Solano, G. Parra-Olea, and M. Garcia-Paris	2006	Corrigendum to "Phylogeography of <i>Pseudacris regilla</i> (Anura: Hylidae) in western North America, with a proposal for a new taxonomic rearrangement" ( <i>Molecular Phylogenetics and Evolution</i> 39 [2006] 293-304.) <i>Molecular Phylogenetics and Evolution</i> 41:511.	--	--	Cited in text. Correction to species names used in previous article. Assigns the name <i>Pseudacris sierra</i> to the 'central clade' of the <i>Pseudacris regilla</i> complex	Do not have
Turtles	Reese, D. A.	undated	Western pond turtle survey techniques. 12pp.	--	--	Cited in text. Provides recommended survey methods for western pond turtle and includes natural history information	HDR DTA Bellingham
Turtles	Reese, D. A.	1996	Comparative demography and habitat use of western pond turtle in northern California: the effects of damming and related alterations: University of California, Berkeley.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Thesis examines the basic ecology of western pond turtles as well as evaluating their response to the long-term impacts of habitat alterations	<a href="http://www.fs.fed.us/psw/publications/reese/reese4.pdf">www.fs.fed.us/psw/publications/reese/reese4.pdf</a>

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Turtles	Reese, D. A. and H.H. Welsh	1997	Use of terrestrial habitat by western pond turtles, <i>Clemmys marmorata</i> : implications for management. pp. 352-357, In: Proceedings: Conservation, Restoration, and Management of Tortoises and Turtles. New York Turtle and Tortoise Society.	--	--	Cited in text. Study observed frequent and prolonged use of terrestrial habitat for both nesting and overwintering activities.	<a href="http://www.fs.fed.us/psw/publications/reese/reese3.pdf">http://www.fs.fed.us/psw/publications/reese/reese3.pdf</a>
Amphibians	Seltenrich, C.P. and A.C. Pool	2002	A Standardized Approach for Habitat Assessments and Visual Encounter Surveys for the Foothill Yellow-Legged Frog. San Ramon, California. 2002.	Pacific Gas and Electric Company (PG&E)	FWN PAD Questionnaire Response July 27, 2009	Cited in text. Standard operating procedures and data sheets for foothill yellow-legged frog habitat assessments and VES	<a href="http://ice.ucdavis.edu/CANVDecliningAmphibians/FieldGuides.htm#GeneralField">http://ice.ucdavis.edu/CANVDecliningAmphibians/FieldGuides.htm#GeneralField</a>
Amphibians	Storer, T. I.	1925	A synopsis of the amphibia of California. University of California Publications in Zoology. 1925; 27:1-342.	--	FWN PAD Questionnaire Response July 27, 2009	Cited in text. Historic account of amphibians in California.	Do not have
Amphibians	Tierney, Marilyn	2009	Response to PAD Questionnaire. Red Legged Frog Observations. August 4.	--	--	Background information. Annotated map showing location of California red-legged frog observations near the Project	HDR DTA Sacramento
Amphibians, Turtles	United States Department of Agriculture Forest Service (USFS).	2009	TNF Wildlife species occurrence database.	--	--	Cited in text, GIS database that includes documented wildlife occurrences within TNF	HDR DTA Sacramento
Amphibians	US Fish and Wildlife Service (USFWS)	2005	Guidance on site assessment and field surveys for California red-legged frogs ( <i>Rana aurora draytonii</i> ).	--	FWN PAD Questionnaire Response July 27, 2009	General information. Includes habitat information for California red-legged frog.	HDR DTA Sacramento
Amphibians	US Fish and Wildlife Service (USFWS)	2006	Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the California Red-legged Frog, and Special Rule Exemption Associated with Final Listing for Existing Routine Ranching Activities; Final Rule.	Federal Register; 71 FR 19243 19346	--	Cited in text. Designation of critical habitat units for California red-legged frog. Includes description of habitat requirements for CA red-legged frog	<a href="http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=D02D">http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=D02D</a>
Amphibians	US Fish and Wildlife Service (USFWS)	2000	Undated. Facts and Q and A: Recovery Plan for the California Red-Legged Frog. Sacramento, California.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Info sheet on California red-legged frog for the general public.	<a href="http://www.fws.gov/cno/news/2000/2000-89.htm">http://www.fws.gov/cno/news/2000/2000-89.htm</a>
Amphibians	Van Wagner, T.C36	1996	Selected life history and ecological aspects of a population of foothill yellow-legged frogs ( <i>Rana boylei</i> i) from Clear Creek, Nevada City, California. Master's Thesis, 143pp.E63	California State University Chico	--	Cited in text. Habitat associations and life history characteristics of a population of foothill yellow-legged frog on Clear Creek, a tributary of the Middle Yuba River below the confluence of Oregon Creek	Do not have
Amphibians	Vindum, J.V. and M.S. Koo	1999	1998 amphibian and reptile surveys in the Plumas and Tahoe National Forests: the result of CCSA-05-98-17-123. Department of Herpetology, Golden Gate Park, San Francisco, CA.	California Academy of Sciences	--	Cited in text. This report contains annotated species accounts of the herpetofauna of the Plumas and Tahoe National Forests.	HDR DTA Sacramento
Amphibians	Vindum, J.V. and M.S. Koo	1999	Amphibians and reptiles of the Tahoe National Forest: historical collections and the results of 1997-1999 California Academy of Science Surveys. Dept. of Herpetology	California Academy of Sciences	--	Cited in text. This report contains annotated species accounts of the herpetofauna of the Plumas and Tahoe National Forests.	HDR DTA Sacramento
Amphibians	Vredenburg, V.T., G.M. Fellers, and C. Davidson	2007	Concordant molecular and phenotypic data delineate new taxonomy and conservation priorities for the endangered mountain yellow-legged frog	Journal of Ecology	--	Cited in text. Based on molecular evidence, <i>Rana muscosa</i> is understood to be limited to the former Distinct Population Segment (DPS) found in the San Gabriel, San Bernardino, and San Jacinto mountains of southern California, whereas <i>R. sierrae</i> corresponds to the Sierra Nevada DPS	HDR DTA Bellingham
Amphibians	Yarnell, Sarah Munro.	2000	The influence of sediment supply and transport capacity on foothill yellow-legged frog habitat, South Yuba River, California ; 2000 masters.	UCDavis Masters	FWN PAD Questionnaire Response July 27, 2009	General information. Study focused on using process-based geomorphic techniques to determine aquatic habitat preferences of the foothill yellow-legged frog in an effort to identify links between watershed conditions, stream processes and aquatic habitats	HDR DTA Sacramento; UC Davis Shields Library Microcopy Collection LD781.D5j 2000 Y374
Amphibians, Fish	Knapp, R. A.	1996	Nonnative trout in natural lakes of the Sierra Nevada: an analysis of their distribution and impacts on native aquatic biota. Pages 363-407 in Sierra Nevada system Project: final report to Congress. Volume III. Centers for Water and Wildland Resources. 1996	University of California, Davis	FWN PAD Questionnaire Response July 27, 2009	General information. An analysis of the distribution of non-native trout and their impacts on native aquatic biota.	<a href="http://vesr.ucnrs.org/pages/knapp/publications/publications.html">http://vesr.ucnrs.org/pages/knapp/publications/publications.html</a>

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Amphibians, Fish	Knapp, R.A., and K.R. Matthews	2000	Non-native fish introductions and the decline of the Mountain Yellow legged Frog from within protected areas	Conservation Biology 14:428-438	--	Cited in text. This study quantified the role of introduced fish in the decline of the mountain yellow-legged frog in the Sierra Nevada through surveys of over 1700 sites.	<a href="http://vesr.ucnrs.org/pages/knapp/publications/publications.html">http://vesr.ucnrs.org/pages/knapp/publications/publications.html</a>
Amphibians, Fish	Randall, Paul J.	1997	Distribution and ecology of fish and frogs in tributaries to the South Fork Yuba River. 1997; 1997masters Shields Library Microcopy Collection LD781.D5j 1997 R368 MASTERS.	UC Davis Masters	FWN PAD Questionnaire Response July 27, 2009	Cited in text. Discusses the factors that are reducing the number of native fish and frogs in the streams tributary to the South Yuba River. It suggests that the best management practice would be to eliminate non-native species from these streams	HDR DTA Sacramento, HDR DTA Bellingham
Aquatic Resources	Bureau of Land Management (BLM)	2006	California-BLM Sensitive Animals.	US Department of Interior, Bureau of Land Management, California, Wildlife & Fisheries.	--	Cited in text.	<a href="http://www.blm.gov/ca/st/en/prog/wildlife.html">http://www.blm.gov/ca/st/en/prog/wildlife.html</a>
Aquatic Resources	California Department of Fish and Game (CDFG)	2010	CA Natural Diversity Database (CNDDB)	CDFG, Habitat Conservation Planning Branch	--	Cited in text. CNDDB Quick Viewer Online Searchable Database - species confirmed in Yuba County based on field studies and observations recorded with CNDDB	<a href="http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp">http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp</a>
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	CNDDB Database Query Output - the Status and Locations of Rare Plants and Animals Downstream of the Project Area	CDFG, Habitat Conservation Planning Branch	--	Cited in text. Browns Valley and Yuba City USGS Topographic Quadrangles	HDR DTA Sacramento
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	CNDDB Database Query Output - the Status and Locations of Rare Plants and Animals in the Project Area	CDFG, Habitat Conservation Planning Branch	--	Cited in text. Output for Strawberry Valley, Clipper Mills, Challenge, Camptonville, Pike, French Corral, Oregon House, and Smartville USGS Topographic Quadrangles	HDR DTA Sacramento
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	CNDDB Database Query Output - the Status and Locations of Rare Plants and Animals Upstream of the Project Area	CDFG, Habitat Conservation Planning Branch	--	Cited in text. Clio, Calpine, Antelope Valley, Loyalton, Beckwourth Pass, Constantina, Evans Canyon, Frenchman Lake, and McKesick Peak USGS Topographic Quadrangles	HDR DTA Sacramento
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	Special Animals (901 taxa)	CDFG Biogeographic Data Branch, CA Natural Diversity Database	--	List of species of special concern based on state, federal and others resource agencies and organizations	<a href="http://www.dfg.ca.gov/wildlife/nongame/list.html">http://www.dfg.ca.gov/wildlife/nongame/list.html</a>
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	State and Federally Listed Endangered and Threatened Animals of California	CDFG Biogeographic Data Branch, CA Natural Diversity Database	--	List of species of state, federally listed T & E species	<a href="http://www.dfg.ca.gov/wildlife/nongame/list.html">http://www.dfg.ca.gov/wildlife/nongame/list.html</a>
Aquatic Resources	Conservation Biology Institute	2008	Conservation Assessment for the Yuba River Watershed Foothills	Trust for Public Land	--	A summary of the watershed and its natural resources - habitat types and descriptions, land ownership, wildlife species, RTE species, conservstion issues, and provides a management plan	HDR DTA Sacramento
Aquatic Resources	Federal Energy Regulatory Commission (FERC)	2007	Final Environmental Impact Statement for Hydropower License: Oroville Facilities—FERC Project No. 2100-052, California. May 18, FERC/FEIS-0202E	FERC	--	--	HDR DTA Sacramento
Aquatic Resources	NatureServe	2009	NatureServe Explorer: An Online Encyclopedia of Life [web application]. Version 7.1.	NatureServe	--	Online database of species information	<a href="http://www.natureserve.org/explorer">http://www.natureserve.org/explorer</a>
Aquatic Resources	Nevada Irrigation District (NID)	2008	Yuba-Bear Hydroelectric Project, FERC Project No. 2266, Pre-Application Document	NID	--	Relicensing Documents - Yuba-Bear Hydroelectric Project - PAD Section 7.4 - Wildlife Resources	<a href="http://www.eurekasw.com/NID/Relicensing%20Documents/Forms/AllItems.aspx">http://www.eurekasw.com/NID/Relicensing%20Documents/Forms/AllItems.aspx</a>
Aquatic Resources	Nevada Irrigation District (NID)	Multiple dates	Relicensing Website - Yuba Bear	NID	--	Relicensing Documents and comprehensive plans available here	P:\YCWA\Referenced Materials\NV Irrigation District Public Relicensing Website - Comprehensive Plans.mht

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Aquatic Resources	Pacific Gas & Electric (PG&E)	2008	Relicensing Website - Drum Spaulding	Pacific Gas and Electric Company (PG&E)	--	Relicensing Documents available here	<a href="http://www.eurekasw.com/DS/Documents/Forms/AllItems.aspx">http://www.eurekasw.com/DS/Documents/Forms/AllItems.aspx</a>
Aquatic Resources	Sierra Foothill Research and Extension Center	2009	Natural Resources of the Sierra Foothills on Northern California	University of California Agriculture and Natural Resources	--	Brief summaries of the natural resources, species lists, and abstracts for biological studies conducted in the area	HDR DTA Sacramento
Aquatic Resources	South Yuba River Citizens League (SYRCL).	Unknown	State of the Yuba: An Assessment of the Yuba River Watershed	SYRCL	--	Discusses overall watershed in terms of water quality, human impacts, water flow levels	Attempts to access SYRCLA web site are rerouted to the www.yubariver.net web site. This report is not available via this web link.
Aquatic Resources	US Army Corps of Engineers (USACE)	1975	Master Plan for Englebright Reservoir	USACE	--	Very general, mostly addresses water level	HDR DTA Sacramento
Aquatic Resources	US Fish and Wildlife Service (USFWS)	2008	Online Database of Federally Listed Threatened and Endangered Species in the Jurisdiction of the Sacramento District.	USFWS Sacramento Field Office	--	Provides federally listed species and species of special concern based on topo quad or county search criteria	<a href="http://www.fws.gov/sacramento/es/spp_lists/auto_list_form.cfm">http://www.fws.gov/sacramento/es/spp_lists/auto_list_form.cfm</a>
Aquatic Resources	US Forest Service (USFS)	1990	Tahoe National Forest Land and Resource Management Plan.	Department of Agriculture	--	This document is not included in references due to its large size	<a href="http://www.fs.fed.us/r5/tahoe/documents/forest_plan/1990_tnf_lrmp.pdf">http://www.fs.fed.us/r5/tahoe/documents/forest_plan/1990_tnf_lrmp.pdf</a>
Aquatic Resources	US Forest Service (USFS)	2007	Record of Decision, Sierra Nevada Forests Management Indicator Species Amendment.	USDA), Forest Service, Pacific Southwest Region, Vallejo, CA.	--	Record of decision that identifies new MIS species for the Sierra Nevada Forest Group	HDR DTA Sacramento
Aquatic Resources	US Forest Service (USFS)	2008	Sierra Nevada Forests (SNF) Bioregional Management Indicator Species (MIS) Monitoring Implementation Web Site.	USDA), Forest Service, Pacific Southwest Region, Vallejo, CA.	--	Web site for info on the new MIS species for the Sierra Nevada Forest Group	<a href="http://www.fs.fed.us/r5/snfmsa">http://www.fs.fed.us/r5/snfmsa</a>
Aquatic Resources	Yuba County General Plan Update Advisory Committee	2007	Yuba County General Plan Update: Biological Resources Background Report	Yuba County General Plan Update Advisory Committee	--	Yuba county general plan, discusses habitats, species of significance, etc in Yuba County	<a href="http://co.yuba.ca.us/Departments/Community%20Development/Planning/Default%20Pages/generalplanupdate.aspx">http://co.yuba.ca.us/Departments/Community%20Development/Planning/Default%20Pages/generalplanupdate.aspx</a>
Aquatic Resources	Yuba County Water Agency	2009	Yuba River Development Project Relicensing	YCWA	--	Overview of project, facilitates and features schematic	HDR DTA Sacramento
Aquatic Resources	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. October	Prepared by HDR & Surface Water Resources, Inc	--	Document details how Yuba River flow management affects species that occur within the watershed	<a href="http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549">http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549</a>
Fish	Airola, D. A. and B. D. Marcotte.	1985	A Survey of Holding Pools for Spring-Run Chinook Salmon in Deer and Mill Creeks, 1985 . USDA Forest Service. Lassen National Forest. Chester, California. 1985. Notes: no record found	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Barnard, K. and S. McBain.	1994	Standpipe to Determine Permeability, Dissolved Oxygen, and Vertical Particle Size Distribution in Salmonid Spawning Gravels. Fish Habitat Relationships Technical Bulletin No. 15. U.S. Forest Service; 1994	US Forest Service	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.fs.fed.us/biology/fishecology/currents/index.html">http://www.fs.fed.us/biology/fishecology/currents/index.html</a>
Fish	Berg N., A. Carlson D. Azuma.	1998	Function and Dynamics of Woody Debris In-Stream Reaches in the Central Sierra Nevada, California . Canadian Journal of Fisheries and Aquatic Sciences . 1998; 55: 1807-1820.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Boles, G. L.	1988	Water Temperatures Effects on Chinook Salmon (Oncorhynchus tshawytscha) with Emphasis on the Sacramento River, A Literature Review . California Department of Water Resources. January. 1988.	Department of Water Resources	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.nd.water.ca.gov/dpladb/pubs/index.cfm?dist_pubs=20&amp;nav=6,653">http://www.nd.water.ca.gov/dpladb/pubs/index.cfm?dist_pubs=20&amp;nav=6,653</a>
Fish	Brown, Larry R., and Peter B. Moyle.	1993	Distribution, Ecology, and Status of the Fishes of the San Joaquin River Drainage, California.	California Fish and Game: Conservation of Wildlife Through Education, Volume 79, Summer 1993, Number 3, Page 96	--	--	DTA Bellingham
Fish	CALFED	1997	CALFED Vision for Steelhead Trout. Draft. February 3, 1997	CALFED	--	CALFED vision for steelhead trout recovery in the Central Valley	<a href="http://www.calwater.ca.gov/Admin_Record/E-009876.pdf">www.calwater.ca.gov/Admin_Record/E-009876.pdf</a>
Fish	CALFED	2009	Ecosystem Restoration Program Home Page: Background on Restoration Efforts to Date	CALFED	--	--	<a href="http://www.delta.dfg.ca.gov/erp/">http://www.delta.dfg.ca.gov/erp/</a>
Fish	CALFED and Yuba County Water Agency	2005	Draft Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration.	Prepared on Behalf of the Lower Yuba River Fisheries Technical Working Group by SWRI	--	Discussed and cited in text.	HDR DTA Bellingham to confirm
Fish	California Department of Fish and Game (CDFG)	1963	A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir 1963.	CDFG	--	Memo - 1963 fish survey in Bullards Bar Reservoir	HDR DTA Sacramento

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	California Department of Fish and Game (CDFG)	1970	A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir 1970.	CDFG	--	Memo - 1970 fish survey in Bullards Bar Reservoir	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1972	A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir 1972.	CDFG	--	Memo - 1972 fish survey in Bullards Bar Reservoir	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1974	A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir From 1959 - 1974	CDFG	--	Memo - Steelhead Trout Study in Lower Yuba	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1984	A Study of Steelhead Trout in the Lower Yuba River.	CDFG	--	Memo - Summary of steelhead trout survey in Lower Yuba River	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1989	A Summary of CDFG Fish Planting in the Bullards Bar Reservoir 1980 -- 1989	CDFG	--	Memo - Summary of fish stocking in Bullards Bar Reservoir 80-89	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1991	Lower Yuba River Fisheries Management Plan	--	CDFG, FWN PAD Questionnaire Response July 27, 2009	--	Need link and/or print-out
Fish	California Department of Fish and Game (CDFG)	1995	Chinook	--	--	--	Need link and/or print-out
Fish	California Department of Fish and Game (CDFG)	2002	Fishing California's Sacramento Valley - Central Valley Region	CA Department of Fish and Game	--	Informational brochure on hatchery program and fishing in CA, targeted for general public. Material somewhat dated.	HDR DTA Bellingham
Fish	California Department of Fish and Game (CDFG)	2007	A Guide to High Mountain Lakes and Streams of the Sierra Nevada.	CDFG, USFS, NPS	--		Need link and/or print-out
Fish	California Department of Fish and Game (CDFG)	2007	CDFG Fish Stocking Records for the Bullards Bar Reservoir, Englebright Reservoir, South Fork Yuba and Bear River 1950-2007.	CDFG	--	Fish Stocking Records	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	2008	Fish Hatcheries -- Fish Hatchery List	CDFG Fisheries Branch, Sacramento, CA	--		<a href="http://www.dfg.ca.gov/fish/Hatcheries/HatList.asp">http://www.dfg.ca.gov/fish/Hatcheries/HatList.asp</a>
Fish	California Department of Fish and Game (CDFG)	2008	Fish Hatcheries -- Fish Stocking (Planting) Plan 11_24_2008 through 1_1_2010	CDFG Fisheries Branch, Sacramento, CA	--	Stocking locations and dates, also identified areas that will not be stocked	<a href="http://www.dfg.ca.gov/news/stocking/">http://www.dfg.ca.gov/news/stocking/</a>
Fish	California Department of Fish and Game (CDFG)	2008	Fish Stocking Program Will Continue Following Court Order, News Release November 21, 2008	CDFG Fisheries Branch, Sacramento, CA	--	News Release regarding law suit, appeals, and court order regarding the CA fish stocking program	<a href="http://www.dfg.ca.gov/news/news08/08131.html">http://www.dfg.ca.gov/news/news08/08131.html</a>
Fish	California Department of Fish and Game (CDFG)	2009	CA Department of Fish and Game: Fisheries Restoration Grant Program	CDFG	--	Searchable database of fish restoration tasks and priorities. Searchable by water body.	<a href="http://www.dfg.ca.gov/fish/Administration/Grants/FRGP/GuidanceTools.asp">http://www.dfg.ca.gov/fish/Administration/Grants/FRGP/GuidanceTools.asp</a>
Fish	California Department of Fish and Game (CDFG)	2009	Summary of 2009 California Ocean Salmon Seasons	CDFG, Marine Region, Monterey, CA	--	documents closure of salmon seasons	<a href="http://www.dfg.ca.gov/marine/oceansalmon.asp">http://www.dfg.ca.gov/marine/oceansalmon.asp</a>
Fish	California Department of Fish and Game (CDFG).	2001	Central Valley Salmon and Steelhead Harvest Monitoring Project, 1999 Angler Survey. Sacramento, California. 2001.	Funded by USFWS	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.fws.gov/sacramento/CAMP/camp_documents_and_projects.htm">http://www.fws.gov/sacramento/CAMP/camp_documents_and_projects.htm</a>
Fish	California Department of Fish and Game (CDFG).	2001	Recovery of the 2001 Dive Counts. Summary Report to the California Department of Fish and Game. Redding, California; 2001. Notes: pg 25	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	California Department of Fish and Game (CDFG).	2002	Central Valley Salmon and Steelhead Harvest Monitoring Project, 2000 Angler Survey. Sacramento, California. 2001.	Funded by USFWS	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.fws.gov/sacramento/CAMP/camp_documents_and_projects.htm">http://www.fws.gov/sacramento/CAMP/camp_documents_and_projects.htm</a>
Fish	California Department of Fish and Game (CDFG).	2003	Recovery Strategy for California Coho Salmon. Report to the California Fish and Game Commission. Public Review Draft. 2003; Species Recovery Plan Report 2003-1.	--	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.dfg.ca.gov/fish/Resources/Reports/index.asp">http://www.dfg.ca.gov/fish/Resources/Reports/index.asp</a>
Fish	California Department of Water Resources (CDWR).	2003	Chinook Salmon Life History Matrix [Web Page]. 2003. Notes: downloaded pdf Oroville FERC Relicensing (FERC no. 2100)	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	California Department of Water Resources (CDWR).	2003	Transfer of Energy and Nutrients by Anadromous Fish Migrations. Oroville Dam Relicensing Study SP-F8. 2003.	Department of Water Resources	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.water.ca.gov/orovillerelicensing/wg-reports_EWG.cfm">http://www.water.ca.gov/orovillerelicensing/wg-reports_EWG.cfm</a>

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	California Department of Water Resources (CDWR)	2001	Fish Bulletin 179: Contributions to the Biology of Central Valley Salmonids	California Department of Fish and Game, Department of Water Resources	--	The Salmonid Symposium was organized by an ad hoc committee of state and federal fishery biologists concerned with the management of Central Valley (CV) salmon and steelhead trout ( <i>Oncorhynchus</i> spp.) populations and their habitats. It was held at Bodega Bay, California on October 22–24, 1997. Topics covered included research on various CV salmon and steelhead populations, ocean fishery management, history of upper Sacramento River hatchery operations, and steelhead management policy. Papers by McEwan and Yoshiyama were extracted and cited in the PIP.	<a href="http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp">http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp</a>
Fish	California Department of Water Resources (CDWR)	2006	Draft Englebright Lake Creel Survey	Prepared by the Upper Yuba River Studies Program Study Team for CDWR	--	Survey - This draft report summarizes creel surveys which were conducted on Englebright Lake in 2003 and 2004 for the purpose of assessing the number, species, and size of fish caught and retained by anglers.	<a href="http://www.watershedrestoration.water.ca.gov/fishpassage/projects/upperyuba.cfm">http://www.watershedrestoration.water.ca.gov/fishpassage/projects/upperyuba.cfm</a>
Fish	California Department of Water Resources (CDWR)	2008	Upper Yuba River Watershed Chinook Salmon and Steelhead Habitat Assessment.	Technical Report, Prepared by the Upper Yuba River Studies Program Study Team for CDWR	--	--	HDR DTA Sacramento
Fish	California Department of Water Resources (CDWR)	2009	Fish Passage Improvement – Upper Yuba River Studies Program Home Page	--	--	--	<a href="http://www.watershedrestoration.water.ca.gov/fishpassage/projects/upperyuba.cfm">http://www.watershedrestoration.water.ca.gov/fishpassage/projects/upperyuba.cfm</a>
Fish	Central Valley Fish Hatchery	1959	A Survey of the Fish Population of Bullards Bar reservoir, Yuba County, 1959	--	--	--	HDR DTA Bellingham
Fish	CH2MHill	1998	Central Valley Project Improvement Act Tributary Production Enhancement Report. Sacramento, California: Prepared for U.S. Fish and Wildlife Service, Central Valley Fish and Wildlife Restoration Program Office; 1998. Notes: Draft Report to Congress on the feasibility, cost, and desirability of implementing measures pursuant to subsection 3406(e)(3) and (e)(6) of the Central Valley Project Improvement Act.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Cherry, D. S. K. L. Dickson J. Cairns Jr. and J. R. Stauffer.	1997	Preferred, avoided, and lethal temperatures of fish during rising temperature conditions. Journal of the Fisheries Research Board of Canada. 1977; 34:239-246.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have



**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	Dickerson B. R. and G. L. Vinyard.	1999	Effects of High Chronic Temperatures and Diel Temperature Cycles on the Survival and Growth of Lahontan Cutthroat Trout. Department of Biology and Biological Resources Research Center, University of Nevada, Reno, Nevada 89557, USA. 1998. Transactions of the American Fisheries Society 1999; 128: 516-521	American Fisheries Society	FWN PAD Questionnaire Response July 27, 2009	Notes: Abstract.—Tests of chronic temperature tolerance indicated that the upper limit for survival and growth of Lahontan cutthroat trout <i>Oncorhynchus clarki henshawi</i> was between 22°C and 24°C. Lahontan cutthroat trout experienced complete mortality within 2 d at 28°C and approximately 60% mortality over 7 d at 26°C. Fish suffered no significant mortality at temperatures of 24°C and below. No significant differences in growth of fish held at 22°C relative to fish held at cooler temperatures were found, but significant reductions in growth were observed at 24°C. When fish were subjected to fluctuating temperatures similar to field conditions, which cycle daily from 20°C to 26°C, they still grew, though not as much as fish maintained at constant 13°C or 20°C. Exposure to diel temperature fluctuations did not affect tolerance of subsequent chronic elevated temperatures.	Do not have
Fish	Eilers, C.	2008	Review of Present Steelhead Monitoring Programs in the California Central Valley.	California Department of Fish and Game (CDFG)		Discussed and cited in text.	nrm.dfg.ca.gov/FileHandler.ashx?DocumentVersionID=9892
Fish	Entrix and Munroe, J.	2003	Stakeholder Review Draft - Daguerre Point Dam Fish Passage Improvement Project, 2002 Fisheries Studies - Analysis of Potential Benefits to Salmon and Steelhead from Improved Fish Passage at Daguerre Point Dam. Prepared by ENTRIX, Inc, Sacramento California and Jud Munroe, San Rafael, California, for the California Department of Water Resources and the United States Army Corps of Engineers. < <a href="http://www.watershedrestoration.water.ca.gov/fishpassage/docs/Daguerre/Fisheries%20Study-Stakeholder%20Draft%203-7-03.pdf">http://www.watershedrestoration.water.ca.gov/fishpassage/docs/Daguerre/Fisheries%20Study-Stakeholder%20Draft%203-7-03.pdf</a> > Accessed July 8, 2009	--	--	Discussed and cited in text.	HDR DTA Sacramento
Fish	Evans, W. A. and B. Johnston.	1980	Fish Migration and Fish Passage. Washington DC: USDA Forest Service, EM-7100-12; 1980.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	FishSniffer	2009	Web Site Blog Regarding Decline in Koanoke Populations in Bullards Bar Reservoir.	Web blog	--	Discussed and cited in text.	HDR DTA Sacramento
Fish	Gard, M.	2004	Potential for Restoration of a California Stream Native Fish Assemblage. California Fish and Game. 2004; 90(1):29-35.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Gard, M.F	2004	Interactions between an introduced piscovore and a native piscovore in a California stream. Environmental Biology of Fishes 71:287-295	Kluwer Academic Publishers	--	Gard quantifies abundance and microhabitat use in the South Yuba River to test the hypothesis the introduction of smallmouth bass limits native Sacramento pikeminnow.	HDR DTA Sacramento

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	Gard, Mark Freeman.	2008	Flow-Habitat Relationships for Spring and Fall-run Chinook Salmon and Steelhead/Rainbow Trout Spawning in the Yuba River. Energy Planning and Instream Flow Branch. U.S. Fish and Wildlife Service. Sacramento Fish and Wildlife Office. March 11.	US Fish and Wildlife Service (USFWS)	USFWS PAD Questionnaire Response August 7, 2009	Flow-habitat relationships were derived for spring and fall-run Chinook salmon and steelhead/rainbow trout spawning in the Yuba River between Englebright Dam and the Feather River. Continuation of Central Valley Project Improvement Act Instream Flow Investigations, which ran from February 1995 through September 2001.	HDR DTA Sacramento
Fish	Gerstung, E. G.	1973	Fish population and yield estimates from California Trout Streams. Cal-Neva Wildlife; 1973. Notes: [SMUD SUBMITTED IN THEIR FINAL LICENSE APPLICATION.]	The Wildlife Society	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish	Grimes, J.	1983	Holding Habitat of Spring-Run Chinook Salmon ( <i>Oncorhynchus tshawytscha</i> ) in Deer Creek and Mill Creek, California. Humboldt State University: unpublished report; 1983.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Hampton, M.	1997	Microhabitat Suitability Criteria for Anadromous Salmonids of the Trinity River.	US Department of Interior, Fish and Wildlife Service, Coastal California Fish and Wildlife Office. Arcata, CA	--	Should be a good ref regarding habitat requirements, but very difficult to interpret results	www.fws.gov/
Fish	HDR SWRI	2009	Draft Fisheries Monitoring and Evaluation Plan for the Yuba Accord.	--	FWN PAD Questionnaire Response July 27, 2009	--	Need link and/or print-out
Fish	Hinze, J. A.	1959	Annual Report: Nimbus Salmon and Steelhead Hatchery, Fiscal Year 1957-1958. California Department of Fish and Game Inland Fisheries Division Administrative Report 59-4; 1959.	California Department of Fish and Game (CDFG)	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish	Kozlowski, Jeffrey.	2004	Summer Distribution, Abundance, and Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) and other Fishes in the Lower Yuba River, California. Thesis. University of California Davis. 2004.	--	FWN PAD Questionnaire Response July 27, 2009	Summer Distribution, Abundance, and Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) and other Fishes in the Lower Yuba River, California. Thesis. University of California Davis. 2004	HDR DTA Sacramento
Fish	Lindley, S.T., R. S. Schick, A. Agrawal, M. Goslin, T. Pearson, E. Mora, J. Anderson, B. May, S. Greene, C. Hanson, A. Low, D. McEwan, R. B. MacFarlane, C. Swanson, and J. Williams.	2006	Historical Population Structure of Central Valley Steelhead and its Alteration by Dams.	San Francisco Estuary and Watershed Science. Vol. 4, Issue 1	--	--	HDR DTA Sacramento
Fish	Lower Yuba River Fisheries Technical Working Group	2005	Draft Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration; Multi-Agency Plan to Direct Near-Term Implementation of Prioritized Restoration and Enhancement Actions and Studies to Achieve Long-Term Ecosystem and Watershed Management Goals. Prepared by the Lower Yuba River Fisheries Technical Working Group, funded by CALFED and the Yuba County Water Agency. October	--	FWN PAD Questionnaire Response July 27, 2009	Presents fisheries resources, information to evaluate limiting factors and hypotheses to test in order to develop restoration and mitigation measures.	FWN Disc (to be provided, but did not provide 8/10/09)
Fish	Massa, D.	2004	Yuba River Juvenile Chinook Salmon ( <i>Orcorhynchus tshawytscha</i> ), and Juvenile Central Valley Steelhead Trout ( <i>Orcorhynchus mykiss</i> ), Life History Survey: Annual Data Report 2003-2004.	CDFG, Sacramento Valley & Central Sierra Region, Rancho Cordova, CA	Massa, D., CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	Massa, D.	2006	Lower Yuba River Chinook Salmon Escapement Survey: September – December 2005.	CDFG, North Central Region, Chico, CA.	Massa, D., CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	Massa, D.	2007	Lower Yuba River Chinook Salmon Escapement Survey: September – December 2006.	CDFG, North Central Region, Chico, CA.	Massa, D., CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	Massa, D.	2008	Lower Yuba River Chinook Salmon Escapement Survey: October 2007 – January 2008.	CDFG, North Central Region, Chico, CA.	Massa, D., CDFG June 6, 2009	--	HDR DTA Sacramento

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	Massa, D. and C. McKibbin.	2006	Yuba River Juvenile Chinook Salmon ( <i>Orcorhynchus tshawytscha</i> ), and Juvenile Central Valley Steelhead Trout ( <i>Orcorhynchus mykiss</i> ), Life History Survey: Annual Data Report 2004-2005.	CDFG, Sacramento Valley & Central Sierra Region, Rancho Cordova, CA	Massa, D.,CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	Massa, D. and T. Schroyer.	2003	Central Valley Salmon and Steelhead Harvest Monitoring Project: 2002 Angler Survey.	CDFG, Sacramento Valley & Central Sierra Region, Rancho Cordova, CA	Massa, D.,CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	McEwan, D.and T. A. Jackson	1996	Steelhead Restoration Plan for California, Department of Fish and Game. February 1996	California Department of Fish and Game (CDFG)	FWN PAD Questionnaire Response July 27, 2009	Steelhead Restoration Plan for California, Department of Fish and Game. February 1996	<a href="http://www.dfg.ca.gov/fish/Resources/Reports/index.asp">http://www.dfg.ca.gov/fish/Resources/Reports/index.asp</a>
Fish	McEwan, Dennis.	2001	Central Valley Steelhead <i>In</i> Contributions to the Biology of Central Valley Salmonids. California Fish and Game. Bulletin 179. Volume 1.	CDFG	--	--	<a href="http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp">http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp</a>
Fish	Meng and P. Moyle	1995	--	--	--	--	need link or hardcopy
Fish	Moyle, P. B.	2002	Inland Fishes of California. University of California Press, Berkley CA; 2002.	Berkeley, CA: University of California Press.	FWN PAD Questionnaire Response July 27, 2009	--	need link or hardcopy
Fish	Moyle, P. B. and B. Vondracek.	1985	Persistence and structure of the fish assemblage in a small California stream. Ecology 66: 1-13. 1985. Notes: [SMUD FILED IN THEIR FINAL LICENSE APPLICATION.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Moyle, P. B. and D. M. Baltz.	1985	Microhabitat use by an assemblage of California stream fishes: developing criteria for instream flow determinations. Transactions of the American Fisheries Society . 1985; 114: 695-704.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Moyle, P. B. and R. Nichols.	1973	Ecology of some native and introduced fishes of the Sierra-Nevada foothills in Central California . Copeia . 1973; 1973:478-490 . Notes: [SMUD FILED IN THEIR FINAL LICENSE APPLICATION.	--	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish	Moyle, P. B. R. M. Yoshiyama J. E. Williams E. D. Wikramanayake.	1995	Fish Species of Special Concern in California. California Department of Fish and Game; 1995. Notes: downloaded PDF	--	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.dfg.ca.gov/wildlife/nongame/ssc/fish.html">http://www.dfg.ca.gov/wildlife/nongame/ssc/fish.html</a>
Fish	Moyle, P. B., R. D. Baxter, T. Sommer, T. C. Foin, S. A. Matern.	2004	Biology and Population Dynamics of Sacramento Splittail ( <i>Pogonichthys macrolepidotus</i> ) in the San Francisco Estuary: A Review.	San Francisco Estuary and Watershed Science 2:2(May 2004)	--	--	<a href="http://repositories.cdlib.org/cgi/viewcontent.cgi?article=1011&amp;context=jmie/sfews">http://repositories.cdlib.org/cgi/viewcontent.cgi?article=1011&amp;context=jmie/sfews</a>
Fish	Moyle, P.B., J.A. Israel, S.E. Purdy.	2008	Salmon, Steelhead, and Trout in California: Status of and Emblematic Fauna, a Report Commissioned by California Trout, 2008.	Center for Watershed Sciences, University of California Davis.	--	Status of salmon, steelhead, and trout in California.	<a href="http://www.caltrout.org">www.caltrout.org</a>
Fish	Myers, J.M., R.G. Kope, G.J. Bryant, D. Teel, L.J. Lierheimer, T.C. Wainwright, W.S. Grand, F.W. Waknitz, K. Neely, S.T. Lindley, and R.S. Waples.	1998	Status review of Chinook Salmon from Washington, Idaho, Oregon, and California.	U.S. Dept. Commerce NOAA Technical Memo, NMFS-NWFSC-35	--	--	<a href="http://www.nwfsc.noaa.gov/publications/techmemos/tm35/index.htm">http://www.nwfsc.noaa.gov/publications/techmemos/tm35/index.htm</a>
Fish	National Marine Fisheries Service (NMFS)	1998	Status Review of Chinook Salmon from Washington, Idaho, Oregon, and California.	National Marine Fisheries Service, Northwest Fisheries Science Center, Coastal Zone and Estuarine Studies Division, Seattle WA	--	--	<a href="http://www.nwfsc.noaa.gov/publications/techmemos/tm35/index.htm">http://www.nwfsc.noaa.gov/publications/techmemos/tm35/index.htm</a>
Fish	National Marine Fisheries Service (NMFS)	2005	Updated Status of Federally Listed ESUs of West Coast Salmon and Steelhead	NOAA Fisheries Office of Protected Resources	--	Summary of BRT conclusions, updated data and analysis relevant to each species, updated hatchery information	<a href="http://www.nwr.noaa.gov/Publications/Biological-Status-Reviews/Salmon.cfm">http://www.nwr.noaa.gov/Publications/Biological-Status-Reviews/Salmon.cfm</a>
Fish	National Marine Fisheries Service (NMFS)	2008	Species of Concern Fact Sheet – Chinook Salmon, Central Valley, Late-Fall Run ESU.	National Oceanic and Atmospheric Administration (NOAA), NMFS, Office of Protected Resources, Silver Spring, MD.	--	--	<a href="http://swr.nmfs.noaa.gov/psd/99chinf.htm">http://swr.nmfs.noaa.gov/psd/99chinf.htm</a>
Fish	National Marine Fisheries Service (NMFS)	2008	Species of Concern Web Site – Steelhead Trout.	National Oceanic and Atmospheric Administration (NOAA), NMFS, Office of Protected Resources, Silver Spring, MD.	--	--	<a href="http://www.nmfs.noaa.gov/pr/species/fish/steelheadtrout.htm">http://www.nmfs.noaa.gov/pr/species/fish/steelheadtrout.htm</a>

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	National Marine Fisheries Service (NMFS)	2009	List of Species of Special Concern	NOAA Fisheries Office of Protected Resources	--	web link to species list	<a href="http://www.nmfs.noaa.gov/pr/species/concern/#list">http://www.nmfs.noaa.gov/pr/species/concern/#list</a>
Fish	National Marine Fisheries Service (NMFS)	2009	Biological and Conference Opinion on the Long-Term Operations of the Central Valley Project and State Water Project and Related Documents. Section 7 Consultation. June 4.	National Marine Fisheries Service, Southwest Fisheries Science Center, Longbeach, CA	SYRCL PAD Questionnaire Response July 17, 2009	NOAA Biological Opinion Finds California Water Projects Jeopardize Listed Species; Recommends Alternatives	<a href="http://swr.nmfs.noaa.gov/ocap.htm">http://swr.nmfs.noaa.gov/ocap.htm</a>
Fish	Nielsen, J. L. C. Carpanzano M. C. Fountain and C. A. Gan.	1997	Mitochondrial DNA and nuclear microsatellite diversity in hatchery and wild <i>Oncorhynchus mykiss</i> from freshwater habitats in southern California. Transactions of the American Fisheries Society. 1997; 123:397-417.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Powers, P. D. and J. F. Orsborn.	1985	Analysis of Barriers to Upstream Fish Migration. Bonneville Power Administration. Portland, Oregon: 1985.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Ruediger, R and J. Ward.	1996	Abundance and function of large woody debris in central Sierra Nevada streams. FHR Currents, Fish Habitat Relationship Technical Bulletin No. 20. U. S. Forest Service Pacific Southwest Region Arcata California Prepared by Stanislaus National Forest Sonora California; 1996. Notes: ISMUD FILED IN THEIR FINAL LICENSE APPLICATION	--	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.fs.fed.us/biology/fishecology/currents/index.html">http://www.fs.fed.us/biology/fishecology/currents/index.html</a>
Fish	South Yuba River Citizens League (SYRCL).	Unknown	Historical Report on Salmon in the Yuba River. Nevada City, CA.	SYRCL	--	This report describes the history of salmon and steelhead in the Yuba River watershed. It also discusses the decline of salmon as related to mining as well as dams. Web link provides report, but no date or solid citation. Attempts to access the SYRCL web site are rerouted to <a href="http://www.yubariver.net">www.yubariver.net</a> and the report is NOT available at the new web site. Treat info in report as anecdotal.	<a href="http://www.syrcl.org/majorissues/SalmonReport.htm">http://www.syrcl.org/majorissues/SalmonReport.htm</a>
Fish	State Water Resources Control Board	1991	SWRCB Staff Report Lower Yuba River 1991 p. 9	--	FWN PAD Questionnaire Response July 27, 2009	Discussion of YRDP effects on fish.	HDR DTA Sacramento
Fish	State Water Resources Control Board	2003	SWRCB Revised Water Right Decision 1644 in the Matter of Fishery Resources and Water Right Issues of the Lower Yuba River. Adopted July 16, 2003. Wrd1644revised	--	FWN PAD Questionnaire Response July 27, 2009	SWRCB Revised Water Right Decision 1644 in the Matter of Fishery Resources and Water Right Issues of the Lower Yuba River. Adopted July 16, 2003. Wrd1644revised	HDR DTA Sacramento
Fish	State Water Resources Control Board (SWRCB).	2003	Administrative Record for the SWRCB Hearings on the Lower Yuba River Fisheries Issues. U.S. Army Corps of Engineers (USACE). 2002. Sacramento and San Joaquin Comprehensive Study (in progress); 2003.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Thomas R. Payne and Associates.	2002	Habitat suitability criteria for rainbow trout and Sacramento suckers in the Upper North Fork Feather River Project (FERC No. 2105). San Ramon, California: Pacific Gas and Electric Company; 2002. Notes: pg 86	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	University of California Davis (UC Davis)	1997	Distribution Maps of Fishes in California.	UC Davis, Dept. of Environmental Science and Policy, Information Center for the Environment	--	Seachable web site - Distribution maps for fish of CA	<a href="http://ice.ucdavis.edu/aquadiv/fishcovs/fishmaps.html">http://ice.ucdavis.edu/aquadiv/fishcovs/fishmaps.html</a>
Fish	University of California Davis (UC Davis)	2009	California Fish Species.	C Davis Cooperative Extension Unit, California Fish Web Site.	--	Searchable web site with location in waterbody by County and life history information for fishes of CA	<a href="http://calfish.ucdavis.edu/calfish/CalSpec.asp">http://calfish.ucdavis.edu/calfish/CalSpec.asp</a>
Fish	US Fish and Wildlife Service (USFWS)	2001	FINAL RESTORATION PLAN FOR THE ANADROMOUS FISH RESTORATION PROGRAM. 2001. Notes: downloaded pdf	--	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.fws.gov/stockton/afrp/restplan_final.cfm">http://www.fws.gov/stockton/afrp/restplan_final.cfm</a>
Fish	US Fish and Wildlife Service (USFWS)	2002	Anadromous Fish Restoration Project: Lower Yuba River Juvenile Salmon Life History Evaluation - 2002	USFWS Pacific Southwest Region	--	Provides a summary of the life history research being conducted on the Lower Yuba River as part of the CALFED and CVPIA anadromous fish restoration efforts. No real data provided in the summary	USFWS Pacific Southwest Region Web Site

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	US Fish and Wildlife Service (USFWS)	2003	Endangered and Threatened Species; Notice of 29 Remanded Determination of Status for the Sacramento Splittail ( <i>Pogonichthys macrolepidotus</i> ). 30 <i>Federal Register</i> 68(183): 55139-55166	--	--	--	<a href="http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=E06U">http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=E06U</a>
Fish	US Fish and Wildlife Service (USFWS)	2008	Anadromous Fish Restoration Program – Bear River.	USFWS and the Bureau of Land Management.	--	Summary of goals, objectives, studies, work completed on the Bear River	<a href="http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=BEARR">http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=BEARR</a>
Fish	US Fish and Wildlife Service (USFWS)	2008	Anadromous Fish Restoration Program – Feather River.	USFWS and the Bureau of Land Management.	--	Summary of goals, objectives, studies, work completed on the Feather River	<a href="http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=FETHR">http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=FETHR</a>
Fish	US Fish and Wildlife Service (USFWS)	2008	Anadromous Fish Restoration Program – Restoring Fish Habitat in California’s Central Valley.	USFWS and the Bureau of Land Management.	--	Overview of program	<a href="http://www.delta.dfg.ca.gov/afrp/overview.asp">http://www.delta.dfg.ca.gov/afrp/overview.asp</a>
Fish	US Fish and Wildlife Service (USFWS)	2008	Anadromous Fish Restoration Program – Yuba River.	USFWS and the Bureau of Land Management.	--	Summary of goals, objectives, studies, work completed on the Yuba River	<a href="http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=YUBAR">http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=YUBAR</a>
Fish	Ward, PD. T. R. McReynolds and CE. Garman.	2002	Butte and Big Chico Creeks Spring-Run Chinook Salmon, <i>Oncorhynchus tshawytscha</i> , Life History Investigation, 2000-2001. California Department of Fish and Game Inland Fisheries Administrative Report; 2002. Notes: <a href="#">downloaded pdf</a>	California Department of Fish and Game (CDFG)	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish	Yoshiyama, R., E. Gerstung, F. Fisher, and P. Moyle.	2001	Historical and Present Distribution of Chinook Salmon in the Central Valley Drainage of California. In Contributions to the Biology of Central Valley Salmonids, California Fish and Game, Bulletin 179, Volume 1.	Salmonid Symposium, Bodega Bay, California. October 22-24, 1997, Randall Brown, editor.	FWN PAD Questionnaire Response July 27, 2009	Discussed and cited in text.	<a href="http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp">http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp</a>
Fish	Zimmerman, Christian E. et al.	2009	Maternal Origin and Migrational History of Steelhead and Rainbow Trout Captured in Rivers of the Central Valley, California. American Fisheries Society. 2009.	--	FWN PAD Questionnaire Response July 27, 2009	Maternal Origin and Migrational History of Steelhead and Rainbow Trout Captured in Rivers of the Central Valley, California. American Fisheries Society. 2009.	HDR DTA Sacramento
Fish, Geology	McCain, M. D. Fuller L. Decker and K. Overton.	1990	Stream Habitat Classification and Inventory Procedures for Northern California . Fish Habitat Relationships Currents, Fish Habitat Relationships Technical Bulletin USDA Forest Service, San Francisco, California : 1990. Notes: <a href="#">downloaded pdf</a>	US Forest Service	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.fs.fed.us/biology/fishecology/currents/index.html">http://www.fs.fed.us/biology/fishecology/currents/index.html</a>
Fish, Geology, Water Resources	Upper Yuba River Studies Program Team.	2003	Interim Report; Summary of Current Conditions in the Yuba Watershed. October 2003.	--	FWN PAD Questionnaire Response July 27, 2009	Includes discussion and statistics concerning sediment processes, water quality, hydrology and fish passage. Salmon, Steelhead Fish Passage- This document presents information that is the result of preliminary data collection and field studies conducted by the Study Team to characterize current conditions in the Yuba River watershed and assess the potential for the river upstream of Englebright Dam to support wild Chinook salmon and steelhead.	HDR DTA Sacramento
Fish, T&E	California Department of Water Resources (CDWR)	2004	SP-T2 Project Effects on Special Status Wildlife Species Draft Final Report, Oroville Facilities Relicensing: FERC Project No. 2100.	--	--	--	<a href="http://www.water.ca.gov/orovillereLICensing/wg-reports_EWG.cfm">http://www.water.ca.gov/orovillereLICensing/wg-reports_EWG.cfm</a>
Fish, Water Resources	Gard, Mark Freeman.	1994	Biotic and abiotic factors affecting native stream fishes in the South Yuba River, Nevada County, California : UC Davis; 1994Shields LibraryMicrocopy CollectionLD781.D5j 1994 G375. Notes: <a href="#">pdf</a>	UC Davis, Dissertation	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish, Water Resources	Matthews, K. R. and N. H. Berg.	1997	Rainbow trout responses to water temperature and dissolved oxygen stress in two southern California stream pools. <i>Journal of Fish Biology</i> . 1997; 50-67.	Journal of Fish Biology	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.treesearch.fs.fed.us/pubs/9765">http://www.treesearch.fs.fed.us/pubs/9765</a>
Fish, Water Resources	Office of Technology Assessments (OTA).	1995	Fish Passage Technologies: Protection at Hydropower Facilities. OTAENV 641. Washington, DC: US. Government Printing Office; 1995.	--	FWN PAD Questionnaire Response July 27, 2009	Survey of fish passage technology and its effectiveness,	<a href="http://www.princeton.edu/~ota/disk1/1995/9519/9519.PDF">www.princeton.edu/~ota/disk1/1995/9519/9519.PDF</a>

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish, Water Temperature	Bratovich, P. Pitts A. Niggemyer A. and Olsen D.	2003	Interim report, SP-F10, Task 3B, Steelhead Rearing Temperatures. Oroville Facilities Relicensing, FERC Project No. 2100: California State Department of Water Resources under the direction of Terry J. Mills; 2003. Notes: downloaded pdf	--	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.water.ca.gov/orovillerelicensing/wg-reports_EWG.cfm">http://www.water.ca.gov/orovillerelicensing/wg-reports_EWG.cfm</a>
Fish, Water Temperature	Hokanson, K. E. F. C. F. Kleiner and T. W. Thorslund.	1977	Effects of constant temperatures and diel temperature fluctuations on specific growth and mortality rates of juvenile rainbow trout, <i>Salmo gairdneri</i> . J. Fish. Res. Board of Can. 34:639-848. 1977. Notes: [SMUD FILED IN THEIR FINAL LICENSE APPLICATION	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish, Water Temperature	Myrick, C. A. and J. J. Cech Jr.	2001	Temperature Effects on Chinook Salmon and Steelhead: a Review Focusing on California's Central Valley Populations. Bay-Delta Modeling Forum Technical Publication 01-1; 2001.	--	FWN PAD Questionnaire Response July 27, 2009	Bay-Delta Forum literature review of the effects of water temperature on chinook and steelhead with emphasis on populations in Central Valley California	<a href="http://www.cwemf.org/Pubs/TempReview.pdf">www.cwemf.org/Pubs/TempReview.pdf</a>
Fish, Water Temperature	Nielsen, J. L. T. E. Lisle and V. Ozaki.	1994	Thermally stratified pools and their use by steelhead in northern California streams. Transactions of the American Fisheries Society. 1994; 123:613-626.	--	FWN PAD Questionnaire Response July 27, 2009	--	<a href="http://www.fs.fed.us/psw/publications/">http://www.fs.fed.us/psw/publications/</a>
Fish, Wildlife, T&E	Yuba County Water Agency	2003	Biological Assessment Lower Yuba River Development prepared for YCWA, FERC, NOAA by SWRI. September 2003.	--	FWN PAD Questionnaire Response July 27, 2009	Biological Assessment Lower Yuba River Development prepared for YCWA, FERC, NOAA by SWRI. September 2003.	HDR DTA Sacramento
Fish	Bacher, D	2002	Fuller and Rucker Lakes, Two Completely Different High Sierra Fisheries	The Fish Sniffer Online	--	cited in text.	< <a href="http://www.fishsniffer.com/dbacher/090502ruck.html">http://www.fishsniffer.com/dbacher/090502ruck.html</a> >.
Fish	Beedy, E. C., and P. Bussard	2002	Nevada County Natural Resources Report. Chapter III: Results.	--	--	cited in text.	< <a href="http://www.yubanet.com/nrr/chapter3_1.html">http://www.yubanet.com/nrr/chapter3_1.html</a> >
Fish	Beedy, E. C., and P. Bussard	2002	Nevada County Natural Resources Report: A Scientific Assessments of Watersheds and Ecosystems	Nevada County Planning Department	--	cited in text.	--
Aquatic Resources	Brown and May	2000	Fish Community Structure in Relation to Environmental Variables Within the Sacramento River Basin and Implications for the Greater Central Valley, California.	--	--	cited in text. BMI data collected during 1994 to 1996 from various locations throughout the western Sierra Nevada and California Central Valley	HDR DTA Sacramento
Amphibians	California Academy of Sciences (CAS)	2009	Herpetology Records	--	--	cited in text. Historic data on the distribution of amphibians and reptiles.	<a href="http://www.calacademy.org/research/herpetology/catalog/Index.asp">http://www.calacademy.org/research/herpetology/catalog/Index.asp</a> >
Aquatic Resources	California Department of Fish and Game (CDFG)	1993	Restoring Central Valley streams: A plan for action. Sacramento, California. November 1993. 129 pp.	CDFG	--	Cited in text	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	2002	Sacramento River Spring-run Chinook Salmon. 2001 Annual Report Prepared for the Fish and Game Commission	Habitat Conservation Division, Native Anadromous Fish and Watershed Branch	--	cited in text.	HDR DTA Sacramento
Aquatic Resources	Erman, N.A.	1997	Status of Invertebrates. Status of the Sierra Nevada – The Sierra Nevada Ecosystem Project, Volume II Chapter 35: 987-1008. Don C. Erman, General Editor, and the SNEP Team. US Geological Survey Digital Data Series DDS-43.	--	--	cited in text. Report noted that the inadequacy of current studies is compounded by a lack of historical data. A review of anecdotal information suggests that a general description of the aquatic invertebrate taxa likely to occur in the Project Vicinity is possible.	??
Fish	Federal Energy Regulatory Commission (FERC) Office of Energy Projects	2009	Final Environmental Impact Statement (FEIS) for Relicensing of the South Feather Power (Project No. 2088-068)	FERC	--	cited in text. The FEIS describes the results of recent fisheries studies. During 2004-2006 stream surveys, South Feather Water and Power Agency (SFWPA) sampled all project reaches and reference reaches with similar habitat characteristics selected for comparison of fish populations	??
Amphibians	Museum of Vertebrate Zoology (MVZ).	2009	Herpetological records for Nevada, Yuba, and Sierra Counties	University of California, Berkeley	--	cited in text. Historic data on the distribution of amphibians and reptiles.	<a href="http://mvzarcos.berkeley.edu/SpecimenSearch.cfm">mvzarcos.berkeley.edu/SpecimenSearch.cfm</a>
Aquatic Resources	Rose, Tami L., N. A. Erman, and D. C. Erman	1995	Impacts of the Bowman-Spaulding Canal on Four Sierran Streams: an Ecological and Geomorphological Evaluation. Department of Wildlife, Fish and Conservation Biology. USDA Forrest Service File Code 2610.	University of California, Davis.	--	cited in text. Study in the upper Yuba River Basin documented the occurrence of numerous aquatic insects.	--

**Table B-4 Aquatic Resources.**

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Aquatic Resources	Storer, T.I.	1930	Notes on the range and life history of the Pacific fresh water turtle, <i>Clemmys marmorata</i> . Univ. California Publ. Zool. 32:429-441.	University of California	--	Cited in text. Species account of the western pond turtle.	--
Fish	Childs, J, N. Snyder, and M. Hampton	2003	Bathymetric and Geophysical Surveys of Englebright lake, Yuba-Nevada Counties, California. US Geologic Survey Open-File Report 03-383.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Gast et al.	2005	Middle and South Yuba rainbow trout ( <i>Onchorhynchus mykiss</i> ) distribution and abundance dive counts August 2004. Included as Appendix G of CDWR 2006.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Herbst, David B., Erik L. Silldorff, and Scott D. Cooper	2003	The influence of introduced trout on native aquatic invertebrate communities in a paired watershed study of High Sierran streams. University of California Water Resources Center. Final Technical Completion Report.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Jones & Stokes	2006	2003 Fall-run chinook salmon spawning escapement in the Yuba.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Lindley, S., R. Schick, E. Mora, P. B. Adams, J. J. Anderson, S. Greene, C. Hanson, B. P. May, D. McEwan, R. B. MacFarlane, C. Swanson, and J. G. Williams	2007	Framework for Assessing Viability of Threatened and Endangered Chinook Salmon and Steelhead in the Sacramento-San Joaquin Basin.	San Francisco Estuary & Watershed Science Volume 5: California Bay-Delta Authority Science Program and the John Muir Institute of the Environment	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Moyle, P. B., J. J. Smith, R. A. Daniels, and D. M. Baltz.	1982	Distribution and ecology of stream fishes of the Sacramento-San Joaquin Drainage System, California: a review. Univ. Calif. Publ. Zool. 115:225-256.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	National Marine Fisheries Service (NMFS)	2007	Biological Opinion on the Operation of Englebright and Daguerre Point Dams on the Yuba River, California, for a 1-Year Period. National Marine Fisheries Service. Southwest Region.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Taylor, T. L., P. B. Moyle, and D. G. Price	1982	Fishes of Clear Lake Basin. Univ. Calif. Publ. Zool. 115: 171-224.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	US Fish and Wildlife Service (USFWS)	2003	Endangered and Threatened Species; Notice of 29 Remanded Determination of Status for the Sacramento Splittail ( <i>Pogonichthys macrolepidotus</i> ). 30 Federal Register 68(183): 55139-55166. September 22, 2003.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	US Fish and Wildlife Service (USFWS)	1975	Part 17-endangered and threatened wildlife "threatened" status for three species of trout. Federal Register, vol. 40, no. 137-wednesday, July 16, 1975.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Anadromous Fish and Restoration Program (AFRP)	2009	Vaki Riverwatcher Fish Monitoring System at Daguerre Point Dam. United States Fish and Wildlife Service. Accessed: August 2009.	--	--	Discussed and cited in text.	URL: <a href="http://www.fws.gov/stockton/afrp/project.cfm?code=2003-01">http://www.fws.gov/stockton/afrp/project.cfm?code=2003-01</a>