

Literature Cited

- Ahl, Jonni Su. 1983. *The Reproductive Biology and the Availability of Eggs to Oversummer in the Tadpole Shrimp, *Lepidurus packardi**, Masters Thesis presented to the faculty of California State University, Chico.
- Asotin County (Washington) Conservation District. April 1995. *Asotin Creek Model Watershed Plan*.
- Ayres and Associates. 1996. M&T/Parrott Pumping Plant and Fish Screen Project. Davis, CA.
- Babcock, K.W. 1995. *Home range and habitat use of breeding Swainson's hawks in the Sacramento Valley of California*. Journal of Raptor Research 29: 193-197.
- Baker, H.G. 1985. *What is a Weed?* Fremontia 12(4): 7A11.
- Bakker, Elna. 1971. *An Island called California*. University of California Press. Berkeley, CA.
- Barraco, A.W. 1997. *The Status of the Sacramento River Spring-Run Chinook Salmon*. A Special Report to the Fish and Game Commission; California Department of Fish and Game.
- Beak Consultants Inc. 1997. Negative Declaration/Finding of No Significant Impact- Durham Mutual Water Co. Improvement Project, CDFG.
- Bean, Jack. 1998. Personal Phone Interview on March 25, 1998. Stirling City Manager of Sierra Pacific Industries.
- Becker, C.D. 1973. *Food and Growth Parameters of the Juvenile Chinook Salmon, *O tshawytscha*, in the Central Columbia River*. Bulletin U.S. Fisheries Commission, 22: 65-142.
- Bennett, Sandra. Personal phone Interview. June 8, 1998. Biggs-West Gridley Water District.
- Beschta, R.L. and R.L. Taylor. 1988. *Stream temperature increases and land use in a forested Oregon watershed*. Water Resource Bull. 24: 19-26.
- Bidwell, John. 1863. *Book of Expenditures*. Bidwell Mansion State Park, Chico, California.
- BioSystems Analysis, Inc. 1989. *DeSabra-Centerville Project (FERC 803) Butte Creek Interim Temperature Monitoring Study- Final Report*. Prepared for PG&E Co. Technical and Ecological Services. Tiburon, CA.
- Bishop, Will and Gayland Taylor. 1997. Personal interviews with Fish and Game Wardens.
- Bisson, P.A., R.E. Bilby, M.D. Bryant, C.A. Dolloff, G.B. Grette, R.A. House, M.J. Murphy, K.V. Koski, and J.R. Sedell. 1987. *Large woody debris in forested streams in the Pacific Northwest: past present and*

- future*. In: E.O. Salo, T.W. Cundy (ed.) *Streamside management: forestry and fishery interactions*. Seattle, College of Forest Resources, University of Washington, Seattle, WA.
- Blaney, Dyett and Michael Brandman Associates. 1994. *Master Environmental Assessment for Chico General Plan*. Chico, CA.
- Boeger, Morris. Personal communication. 1998.
- Bonastich, Pete. Personal Phone Interview. June 9, 1998. California Water Service..
- Brannon, E.L. 1965. *The Influence of Physical Factors on the Development and Weight of Sockeye Salmon Embryos and Alevins*. International Pacific Salmon Fisheries Commission, Progress Report No. 12.
- Brazier, J.R. and G.W. Brown. 1973. *Buffer strips for stream temperature control*. Research Paper 15. Forest Resource Laboratory, School of Forestry, Oregon State University, Corvallis, OR.
- Brett, J.R. 1952. *Temperature Tolerance in Young Pacific Salmon, genus onchorhynchus*. Juvenile Fish Resources Board, Canada.
- Brown, C.J. 1992a. *Fisheries studies in Butte Creek, 1991 progress report*. California Department of Fish and Game.
- Brown, C.J. 1992b. *Fisheries studies in Dry Creek, Butte County, 1991*. California Department of Fish and Game.
- Burkett, Dean. Personal communication. 1997. NRCS.
- Burner, C.J. 1951. *Characteristics of Spawning Nests of Columbia River Salmon*. USFWS Bulletin 61 (52): 97-110.
- Bustard, D.R. and D. Carver. 1975. *Preferences of Juvenile Coho Salmon, oncorhynchus kisutch, and Cutthroat trout, Salmo clarki, Relative to Simulated Alteration of Winter Habitat*. Journal of the Fisheries Research Board of Canada. 32: 681-687.
- Butte County, Department of Public Works, Water Resources Division. *A Summary of Water Resources in Butte County (California)*. January 1960.
- Butte County Development Services Department. 1996. *Butte County Master Environmental Assessment*.
- Butte County, General Plan.
- Butte County Planning Department. March 3, 1998. Agenda Report: Zoning Code Amendment 97-02, Butte County Board of Supervisors. (Watershed Protection Zone for Firhaven Creek, Paradise Reservoir, and Magalia Reservoir).
- CALFED. 1997. *Bay-Delta Program Volume II Ecosystem Restoration Plan, Butte Basin Ecological Zone*. Vision Review Draft.
- California Association of Resource Conservation Districts. *Guide to Stream Project Permitting for the State of California* (Pamphlet).
- California Department of Conservation. 1994a. *Fault activity map of California and adjacent areas with locations and ages of recent volcanic eruptions*. Division of Mines and Geology. Sacramento, CA.

- California Department of Conservation. 1994b. Fault-rupture hazard zones in California, Alquist-Priolo Earthquake Fault Zoning Act with index to earthquake fault zones maps. Division of Mines and Geology. Sacramento, CA.
- California Department of Conservation. 1992. *Geologic Map of the Chico Quadrangle*. Division of Mines and Geology. Sacramento, CA.
- California Department of Fish and Game. 1998. *Draft Land Acquisition Evaluation- McAmis Property*.
- California Department of Fish and Game. 1997. Environmental Assessment for the Issuance of a Permit to Allow Incidental Take of the Winter-Run Chinook Salmon (*O. tshawytscha*), the Delta Smelt (*H. transpacificus*), and the Sacramento splittail (*P. macrolepidotus*) under section 10(a)(1)(B) of the Endangered Species Act to the California Department of Fish and Game for the Striped Bass Management Program. Prepared by CDFG Bay-Delta and Special Projects Division.
- California Department of Fish and Game. 1994. *Fish and Game Operations Manual*.
- California Department of Fish and Game. 1993. *Restoring Central Valley Streams: A Plan for Action*. Sacramento, CA.
- California Department of Fish and Game. 1993. Butte Creek House Ecological Reserve, Butte County.
- California Department of Fish and Game. 1989. *Winter-run Chinook salmon impact analysis report: ocean and in-river sport fishery*. Memorandum: August 29, 1989. Sacramento, CA. Prepared for California Fish and Game Commission, Sacramento, CA.
- California Department of Fish and Game. 1986. *Chinook salmon downstream migrant and pump diversion study, April through May 1985*. Region 2. Sacramento, CA.
- California Department of Fish and Game. 1985. *Riparian resources of the Central Valley and California Desert: A Report on Their Nature, History and Status with Recommendations for Their Revitalization and Management*. The Resources Agency.
- California Department of Fish and Game. 1974. *Final environmental impact report Butte Creek fish screens and appurtenances*.
- California Department of Fish and Game. 1973. *Butte Creek-Sutter Bypass salmon resources, problems, and needs*.
- California Department of Fish and Game. 1965. *California fish and wildlife plan*.
- California Exotic Pest Council. 1997. *Weeds Acceptable for the Inclusion in the Noxious Weed Database*.
- Carlier, P. and A. Gallo. March, 1995. *What motivates the food bringing behavior of the Peregrin falcon throughout breeding?* Behavioral Processes. 33: 247-256.
- Carpenter, E.J., A.T. Strahorn, and T.W. Glassey. 1926. Soil Survey of the Oroville Area, California. USDA Bureau of Chemistry and Soils.
- Castellanos, A., F. Jaramillo, F. Salinas, A. Rubio Ortega, and C. Arguelles. March, 1997. *Peregrine falcon recovery along the west central coast of the Baja California peninsula, Mexico*. Journal of Raptor Research. 31: 1-6.

- Center for Natural Lands Management. 1997. *Anadromous Fish Restoration Project FWS Agreement #1448-11332-97-G029*. Butte Creek Restoration Project.
- Central Valley Regional Water Quality Control Board. 1995. *A Compilation of Water Quality Goals*. Sacramento, CA.
- Chang, Anita L. 1991. *The Historical Geography of the Humboldt Wagon Trail*. 1879-1907 map of v-flume and mills above Forest Ranch.
- Chang, H. 1979. *Fluvial Processes in River Engineering*. Wiley, New York.
- Chapman, D.W. 1966. *Food and Space as Regulators of Salmonid Population in Streams*. *American Native*. 100: 345-357.
- City of Chico, General Plan.
- City of Gridley, General Plan.
- Clark, G.H. 1929. *Sacramento-San Joaquin Salmon (Oncorhynchus tshawytscha) Fishery of California*. Fish Bulletin No. 17. CDFG.
- Cole, R.W. 1991. *Streambank Protection and Riparian Vegetation Restoration Utilizing Bioengineering Techniques in the Sacramento Valley*. In: Yosemite Centennial Symposium Proceedings. Yosemite Fund.
- Colman, L. 1972. *Tailings of Butte Creek Canyon: 1833 - 1971 A History of Big Butte and Little Butte Canyons*. Cal-Central Press. Sacramento, CA.
- Conlin, Andrew. Personal Communication. 1997. NRCS.
- Cramer, S.P. and D.B. Demko. 1997. *The Status of Late-Fall and Spring Chinook Salmon in the Sacramento River Basin Regarding the Endangered Species Act*. Association of California Water Agencies and California Urban Water Agencies.
- Curtin, Daniel, 1992. California Land-Use & Planning Law.
- Davis, J.C. 1975. Minimal Dissolved Oxygen Requirements of Aquatic Life with emphasis on Canadian Species, a Review. *Journal of Fisheries Resources Board of Canada*. 32 (12): 2295-2332.
- Decker, D. 1995. Prey capture by peregrine falcons wintering on southern Vancouver Island, British Columbia. *Journal of Raptor Research*. 29: 26-29.
- Deer Creek Watershed Conservancy. 1997. *Existing Conditions Report*.
- Dempsey, Wesley H. 1996. *Yahi Trail: Map and Guide, Upper Bidwell Park*. California Native Plant Society, Mt. Lassen Chapter.
- Dennison, Bill. 1997. *A Small Corner of the West*. Co-author, Chapter 3- Logging, Lumber and Livelihood.
- Department of Water Resources. 1994. *Butte and Sutter Basins Water Data Atlas*. Northern District.
- Department of Water Resources in Cooperation with the U.S. Geologic Survey. 1978. *Evaluation of Ground Water Resources: Sacramento Valley; Bulletin 118-6*.

- Department of Water Resources. 1966. *Sacramento Valley East Side Investigation*. Bulletin No. 137.
- DeWeese, Jim. August 1998. Personal Communication. Butte County Public Works.
- Dixon, R.B. 1905. *The Northern Maidu*. Bulletin of the American Museum of natural History. 17: 119-346.
- Dolloff, C.A., P.A. Flebbe, and M.D. Owen. 1994. *Fish habitat and fish populations in a southern Appalachian watershed before and after Hurricane Hugo*. Transactions of the American Fisheries Society. 123: 668-678.
- Duncan, J.R. June, 1997. *Great gray owls (strix n. nebulos) and forest management in North America: A review and recommendations*. Journal of Raptor Research. 31: 160-166.
- Dunaief, Daniel. May, 1995. *Taking back the rest; cowbirds push some songbirds to extinction, conservationists are debating an uncomfortable solution: killing the pests*. Discover. 16: 34.
- Dunn, Mary Phelps. 1962. *Maidu of Plumas County*. Plumas County Historical Society, no. 8, June 3. Chester, California.
- Dykstra, Ron. Personal communication. 1998 California Regional Quality Control Board.
- Ellena, Nick. 1997. Supervisors OK Butte Creek Channel Project Despite Opposition. *Chico-Enterprise Record*. August 12.
- Environmental Protection Agency. 1986. *Quality Criteria for Water*. Washington, D.C.
- Fads, John Alexander. 1995. *A genetic comparison of two populations of the endangered fairy shrimp, Branchinecta conservatio, used in RAPD techniques*. Masters Thesis presented to the faculty of California State University, Chico.
- Farley, T.C. 1966. *Striped bass (Roccus saxatilis) spawning in the Sacramento-San Joaquin River systems during 1963 and 1964*. In: California Department of Fish and Game, Ecological studies of the Sacramento-San Joaquin Delta, Part II. Fishes of the Delta. (Fish Bulletin 136.) Sacramento, CA.
- Felte, Steve. Personal Interview. March 15, 1997. Paradise Irrigation District.
- Felte, Steve. Personal communication. 1995.
- Ferren, Jr., W.R. and E.M. Gervits. 1990. *Restoration and Creation of Vernal Pools: Cookbook Recipes or Complex Science?* In: D.H. Ikeda and R. Schisling, eds. Vernal Plants - Their Habitat and Biology. California State University, Chico.
- Fisher, R.N, and H.B. Shaffer. October 1996. *The decline of amphibians in California's Great Central Valley*. Conservation Biology. 10: 1387 - 1397.
- Flint, R.A. and F.A. Meyer. 1977. *The DeSabra-Centerville project and its impact on fish and wildlife*. California Department of Fish and Game.
- Flint, R.A. 1972. *The importance of adequate water and passage for migrating salmon in lower Butte Creek channels, Butte Sink, and associated waterways*. California Department of Fish and Game.
- Flores, R.E. and W.R. Edelman. April, 1995. *California Black Rail use of habitat in Southwestern Arizona*. Journal of Wildlife Management. 59.

- French, David. 1985. Interview of Mildred Forester: Co-author of Tailings of Butte Creek Canyon.
- Fry, D.H. and A. Petrovich Jr. 1961. King Salmon (*O. tshawytscha*) Spawning Stocks of the California Central Valley. Prepared for the California Department of Fish and Game.
- Furr, A. 1968. *Butte Creek Canyon: Changing Utilization in the Sierra Nevada Foothills*. A Master's Thesis Presented to the Faculty of California State University, Chico.
- Gaines, W. Craig. Personal phone interview on October 2, 1997. U.S. Army Corps of Engineers.
- Gaines, David, and Stephen, Layman. 1984. *Decline, Status, and Preservation of the Yellow-billed Cuckoo in California*. *Western Bird*. 15: 49-80.
- Gerstung, E. 1990. *Status and management of spring-run Chinook salmon*. California Department of Fish and Game.
- Glenn County Resource Conservation District and Stonyford Resource Conservation District. April, 1989. Watershed Plan and Environmental Assessment. Upper Stony Creek Watershed Project.
- Granskog, Melvin John. 1979. *Hydrology and Hydrogeochemistry of Butte Creek During Low Base Flow*. Master's Thesis. California State University, Chico.
- Gregory, S.V., G.A. Lamberti, D.C. Erman, K.V. Koski, M.L. Murphy, and J.R. Sedell. 1987. *Influence of Forest Practices on Aquatic Production*. In: E.O. Salo, T.W. Cundy (ed.) *Streamside management: forestry and fishery interactions*. Seattle, College of Forest Resources, University of Washington, Seattle, WA.
- Greystone, 1993. *DRAFT Environmental Impact Report on the Butte Creekside Project*.
- Griffin, J.R. 1971. *Oak Regeneration in the upper Carmel Valley, California*. *Ecology* 52: 862-868.
- Groot, C. and L. Margolis. 1991. *Pacific Salmon Life Histories*. Department of Fisheries and Oceans Biological Sciences Branch. Pacific Biological Station, Nanaimo B.C., Canada.
- Habitat Restoration Group for the Deer Creek Watershed Action Committee. Environmental Laws, Regulations, and Policies Pertaining to the Enhancement of Natural Resources in the Deer Creek Watershed.
- Hallock, R.J. 1987. *Sacramento River system salmon and steelhead problems and enhancement opportunities*. A Report to the California Advisory Committee on Salmon and Steelhead Trout.
- Hallock, R.J. and W.F. Van Woert. 1959. *A survey of anadromous fish losses in irrigation diversions from the Sacramento and San Joaquin rivers*. *California Fish and Game*, 45(4): 227-246.
- Hanford, Rob. 1998. Personal interview on January 14, 1998.
- Hanford, Rob. 1993. *The Power of Falling Water*. Video by PG&E meter checker.
- Hansen, H.A., O.R. Smith, and P.R. Needham. 1940. *An investigation of fish-salvage problems in relation to Shasta Dam*. U.S. Bureau of Fisheries, Special Scientific Report No. 10.
- Hardwick, Susan Wiley and Donald G. Holtgrieve. 1996. *Valley for Dreams: Life and Landscape in the Sacramento Valley*. Rowman & Littlefield. Lanham, Maryland.

- Harrington, J.M. and R. Schroeter. 1997. *An Introduction to Biological and Habitat Assessment of Forested Streams Using Benthic Macroinvertebrates*. CDFG Watershed Academy. Rancho Cordova, CA.
- Harwood, D., E. Helley and M. Doukas. 1981. Geologic map of the Chico monocline and the northeast part of the Sacramento Valley. U.S.G.S. Reston, VA.
- Hayes, J.M. 1965. *Water Temperature Observations on some Sacramento River Tributaries*. California Department of Fish and Game, Water Projects Branch Administrative Report No. 65-1.
- Hayes, J.M. and C.E. Lindquist. 1967. Sacramento Valley Eastside investigation, Appendix C. California Department of Fish and Game. In: R.G. Potter. Sacramento Valley Eastside investigation, Bulletin No. 137. California Department of Water Resources.
- Hays, J.B., A.R. Blaustein, J.M. Kiesecker, P.D. Hoffman, I. Pandelova, D. Coyle, and T. Richardson. September 1996. *Developmental responses of amphibians to solar and artificial UVB sources: A comparative study*. Photochemistry and Photobiology. 64: 449-456.
- Hazel, C.R., and D.W. Kelley. 1996. *Zoobenthos of the Sacramento-San Joaquin Delta*. In: D.W. Kelley (ed.), Ecological studies of the Sacramento-San Joaquin Delta. Part I. Zooplankton, zoobenthos, and fishes of San Pablo and Suisun Bays, zooplankton and zoobenthos of the Delta. (Fish Bulletin 133.) California Department of Fish and Game. Sacramento, CA.
- Healey, M.C. 1991. *The Life History of chinook salmon (O. tshawytscha)*. In: C. Groot and L. Margolis. Pacific Salmon Life Histories. Department of Fisheries and Oceans Biological Sciences Branch. Pacific Biological Station. Nanaimo, B.C., Canada.
- Hefren, Don. Personal communication. 1998. Manager of Gorrill Ranch.
- Heitmeyer, H.E., D.P. Donnelly, and R.L. Pederson, 1988. *The Central, Imperial, and Coachella Valleys of California*. In: Habitat management for Migrating and Wintering waterfowl in North America: a symposium. Jackson, Mississippi.
- Hill, Kathy. 1996. Fish and Game Report of Juvenile Salmon Captures at Parrott-Phelan Dam.
- Hill, Kathy. Personal communication. 1997. CDFG.
- Hillaire, Todd. Personal communication. 1997. DWR, Northern District.
- Hillaire, Todd. 1993. *Butte and Sutter Basins: Department of Water Resources Memorandum Report*. Northern District.
- Hokit, D.G. and A.R. Blaustein. December 1995. *Predator avoidance and alarm-response behavior in kin-discriminating tadpoles (Rana cascadae)*. Ethology 101: 280-290.
- Holland, R.F. and F.T. Griggs. 1976. *A Unique Habitat of California's Vernal Pools*. Fremontia. 4(3): 3-6.
- Holroyd, G.L. and U. Banasch. September, 1996. *The 1990 Canadian peregrine falcon (Falco peregrinus) survey*. Journal of Raptor Research 30: 145-156.
- Holtgrieve, D. G. and G. W. Holtgrieve. 1995. *Physical Stream Survey, Upper Butte Creek, Butte County, CA*. Department of Geography and Planning, California State University, Chico.

- Hooper, D.R. 1973. *Evaluation on the Flows on Trout Stream Ecology*. Department of Engineering Resources. PG&E, Emeryville, CA.
- Hoover, M.B., H.E. Rensch, and E.G. Rensch. 1966. *Historic spots in California*. Stanford University Press. Stanford, CA.
- Huerta, Mike. August 1998. Personal Communication. Butte County Public Health; Environmental Health.
- Ikeda, D.H. and R. Schilising. 1990. *Vernal Pool Plants, Their Habitat and Biology*. California State University, Chico.
- Jain, R.K. et al. 1993. *Environmental Assessment*. McGraw-Hill. San Fransico, CA.
- Jensen, P.M. 1994. *Archaeological Inventory Survey for South of Chico, Butte County, California*. Prepared for Rural Consulting Associates, Inc.: Jensen and Associates.
- Jessee, Jim. 1997. Personal Interview on July 2, 1997. Co-author of A Small Corner of the West.
- John Carollo Engineers. 1995. *City of Chico - water pollution control plant expansion Phase 1 capacity study and facilities plan (Draft)*. Walnut Creek, CA. Prepared for City of Chico. Chico, CA.
- Johnson, Jason. 1998. Personal communication, Principal Kier-Johnson Study.
- Johnson, J.J., D.J. Theodoratus, C.M. Blount, and S.D. Dondero. 1984. Black Butte Lake intensive cultural resources survey. The Foundation of California State University, Sacramento, CA. Prepared for U.S. Army Corps of Engineers. Sacramento, CA.
- Johnson, Jason L. and William M. Kier. 1998. *A Preliminary Assessment of the Salmon Habitat Potential of Butte Creek, a Tributary of the Sacramento River, Between the Butte Head Dam and Centerville Diversion Dam, Butte County California.* Prepared by William M. Kier Associates, Sausalito, California, for Institute of Fisheries Resources, San Fransisco, California.
- Johnson, R.L., P.E. Giguere, and E.P. Pister. 1966. *A Progress Report on the Pleasant Valley Spawning Channel*. Administrative Report No. 66-4. CDFG.
- Jokerst, J.D. 1990. *Floristic Analysis of Volcanic Mudflow in Vernal Pools*. In: D.H. Ikeda and R. Schilising eds. *Vernal Plants, Their Habitat and Biology*. California State University, Chico.
- Jokerst, J.D. 1983. *The Vascular Plant Flora of Table Mountain, Butte County, California*. *Modrono*. 30: 1-18.
- Jones & Stokes Associates, Inc. 1995. Draft environmental impact report. *Chico water pollution control plant expansion*. (JSA 94-274.) Sacramento, CA. Prepared for City of Chico Community Development Department, Chico, CA.
- Jones, D.R. 1971. *The Effect of Hypoxia and Anemia on the Swimming Performance of Rainbow Trout*. *Journal of Experimental Biology*. 55: 541-551.
- Jones, W.E. 1980. *Summer steelhead (Salmo gairdneri) in the Middle Fork Eel River and their relationship to environmental changes, 1966 through 1978*. California Department of Fish and Game, Anadromous Fisheries Branch Administrative Report. Number 80-2.

- Kaczynskij, Vic. August 1996. *Stream Habitat Improvement - A Decision-Making Process*. Presented at the 10th International Stream Habitat Improvement Workshop; Salmonid habitat; Operation Solutions to Problems in Forested Streams. Corvallis, OR.
- Kellett, Troy. Personal phone Interview. June 9, 1998. Richvale Irrigation District.
- Kilbuck, Jan. 1997. *Draft Butte Basin Report*. Department of Water Resources.
- Kimmerer, W. and J. Carpenter. 1989. DeSabra-Centerville project (FERC 803) Butte Creek interim temperature modeling study. Final Report. Biosystems Analysis, Inc.
- Kjelson, M.A., P.F. Raquel, and F.W. Fisher. 1982. Life History of fall-run juvenile chinook salmon *O. tshawytscha*, in the Sacramento-San Joaquin Estuary, California. In: Healey, M.C. The life History of chinook salmon (*Onchoryncus tshawytscha*). In: Groot and Margulis, eds. Pacific Salmon Life Histories. University of British Columbia Press. Vancouver, B.C.
- Kolhorst, D.W. 1976. *Sturgeon spawning in the Sacramento River in 1973, as determined by distribution of larvae*. California Department of Fish and Game 69(4): 227-242.
- Kondolf, G.M. 1997. Letter to the Sacramento River Preservation Trust.
- Kowta, Makoto. 1988. *The Archaeology and Prehistory of Plumas and Butte Counties*. California State University, Chico.
- Krajick, Kevin. January-February, 1997. *The Fugitive (the wolverine)*. Audubon. 99: 69-79.
- Kupferberg, S.J. September, 1997. *Bullfrog (rana catesbeiana) invasion of a California River: The role of larval competition*. Ecology. 78: 1736-1751.
- Larsen, E., 1995. *Mechanics and modeling of river meander migration*. PhD. Dissertation, UC, Berkeley.
- Larson, O and Associates and California State Water Resources Control Board. 1985. *Forks of Butte Hydroelectric Project: Draft Environmental Impact Report (EIR)*. State of California: State Water Resources Control Board.
- Leach, H.R. and W.F. Van Woert. 1968. *Upper Sacramento River Basin investigation -fish and wildlife evaluation of tributary developments and Butte Basin flood control*. Office Report. California Department of Fish and Game.
- Leitritz, E. and R.C. Lewis. 1980. *Trout and Salmon Culture*. California Fish Bulletin No. 164.
- Lisle, T.E. and S. Hilton. *The Volume of Fine Sediment in Pools: An Index of Sediment Supply in Gravel Bed Streams*. Water Resources Bulletin. Vol. 28.
- Littlefield, Carroll D. December, 1995. *Demographics of a declining flock of Greater Sandhill Cranes in Oregon*. Wilson Bulletin 107.
- Littleworth, Arthur L. and Eric L. Garner. 1995. *California Water*. Solano Press Books. Point Arena, California.
- Lydon, Philip A., T.E. Gay Jr., and C.W. Jennings. 1960. Geologic map of California, Westwood Sheet, Olaf P. Jenkins edition. State of California, Department of Natural Resources.

- Lydon, Philip A. 1968. *Geology and lahars of the Tuscan Formation, Northern California*. In: R.R. Coats, R.L. Hays, and C.A. Anderson eds., *Studies in Volcanology, a memoir in honor of Howel Williams*: Geological Society of America, Memoir 116.
- MacDonald, L.H., A.W. Smart, and R.C. Wissmar. 1991. *Monitoring Guidelines to Evaluate Effects of Forestry Activities on Streams in the Pacific Northwest and Alaska*. USEPA, Region 10. Seattle, WA.
- Maniery, M.L., J.G. Maniery, and T.M. Van Buren. 1985. *Cultural Resources Inventory and Management Plan for the Proposed Improvements to the De Sabla - Centerville Hydroelectric System, Butte County, California (FERC NO. 803)*. Sacramento: Public Anthropological Research.
- Mansfield, George C. 1918. *History of Butte County*. Los Angeles: Historic Record Company.
- Marcotte, B.D. 1983. *Life history, status and habitat requirements of spring-run chinook salmon in California*. U.S. Forest Service, Lassen National Forest.
- Maser, C. and J. Sedell. 1994. *From the Forest to the Sea: The Ecology of Wood in Streams, Rivers, Estuaries, and Oceans*. St. Lucie Press, Delray Beach, FLA.
- Maslin, Paul. Personal communication. 1998
- Maslin, P., M.Lennox, J. Kindropp, and W. McKinney. 1997. *Intermittent Streams as Rearing Habitat for Sacramento River Chinook Salmon*. CSU, Chico.
- Mathews, Daniel. 1998. *Cascade Olympic Natural History*. Ravens Edition.
- Mathewson, Nancy. Personal phone Interview. June 8, 1998. Paradise Irrigation District.
- Mathys, Sybil Gage. 1973. *Butte Remembers*. Butte County Branch, The National League of American Pen Women.
- Mansfield, George C. 1918. *History of Butte County*. Los Angeles: Historic Record Company.
- Maun, Chris et al. *The Living River: A Guide to the Nisqually River Basin* (Washington), ND.
- Mazzini, Joe. 1991. A Historic Overview of Butte Meadows for the Glenn Biggers General Plan Amendment. Prepared for the Butte County Department of Public Works.
- McCudden, M.E. 1977. *Survival of Salmon and Trout Embryos and Fry in Gravel-Sand Mixtures*. M.S. Thesis, University of Idaho, Moscow.
- McEwan, D. and T. Jackson. 1996. *Steelhead Restoration and Management Plan for California*. CDFG, IFD.
- McGee, Joe P. 1980. *A History of Irrigation in Butte, Sutter, Glenn and Colusa Counties*. Joint Water District Board.
- McGie, Joseph F. 1982. *History of Butte County: Volume I, 1840-1919*. Butte County Board of Education.
- McGowan, Joseph A. 1967. *The Sacramento Valley: A Students Guide to Localized History*. Teachers College Press. New York, New York.
- McGill, R.R. 1987. *Sacramento Valley rice irrigation study*. Technical Information Report. California Department of Water Resources.

- McKee, H. and J. Wolf. 1971. *Water Quality Criteria*. Second edition.
- Mc Kinnon, Mark. "Butte Creek Contamination Controversy" in *Chico News and Review*, September 8, 1977.
- McReynolds, S.E. 1996. *Abundance and Relative Distribution of Hardhead Minnows and Sacramento Squawfish in Butte Creek Canyon*. Unpublished report.
- Meehan, W.R., F.J. Swanson, and J.R. Sedell. 1987. Influences of riparian vegetation on aquatic ecosystems with particular reference to salmonid fishes and their food supply. In: E.O. Salo, T.W. Cundy (ed.) *Streamside management: forestry and fishery interactions*. Seattle, College of Forest Resources, University of Washington, Seattle, WA.
- Mill Creek Watershed Conservancy. 1997. *Watershed Management Strategy*.
- Mill Creek Watershed Conservancy. 1996. *Mill Creek Management Strategy Report*.
- Miller, L.N. 1982. *Noise control for buildings and manufacturing plants*. Bolt, Beranek and Newman, Inc. Cambridge, MA.
- Mills, T.J., P.J. Ward, and T. Farley. 1996. *Status of Actions to Restore Central Valley Spring-Run Chinook Salmon*. California Department of Fish and Game, Inland Fisheries Division.
- Mitsch, W.J. and J.G. Gosselink. 1993. *Wetlands*. Van Nostrand Reinhold. New York.
- Mooney, H.A., S.P. Hamburg, and J. A. Drake. 1986. *The Invasion of Plants and Animals into California*. In: H.A. Mooney and J.A. Drake, eds. XVII. Ecology of Biological Invasions of North America and Hawaii.
- Moratto, M.J. 1984. *California Archaeology*. Academic Press, Inc. San Francisco, CA.
- Morril, C.F. and T.C. Bjornn. 1972. *Migration Response of Juvenile Chinook Salmon to Substrates and Temperatures*. Idaho Water Resources Restoration Institute Technology Completion Report. Project A-038-IDA. Moscow, Idaho.
- Morrison, Jerry. Personal phone Interview. June 8, 1998. Durham Irrigation District.
- Mount, Jeffrey F. 1995. *California Rivers and Streams: The Conflict Between Fluvial Process and Land Use*. University of California Press. Berkeley, CA.
- Moyle, P.B. 1976. *Inland fishes of California*. University of California Press. Berkeley, California.
- Moyle, P.B., J.E. Williams, and E.D. Wikramanayoke. 1989. Fish species of special concern of California. California Department of Fish and Game. Rancho Cordova, CA.
- Munz, P. and D. Keck. 1968. *A California Flora and Supplement*. University of California Press. Berkeley, CA.
- Napa County Resource Conservation District. 1996. *Napa River Watershed Owner's manual: An Integrated Resource Management Plan*.
- National Marine Fisheries Service (NMFS). 1997. *Proposed Recovery Plan for Sacramento River Winter-Run Chinook Salmon*.

- Natural Diversity Data Base. 1995. *Records search for the Chico and Hamlin Canyon 7.5-minute quadrangles*. California Department of Fish and Game. Sacramento, CA.
- Natural Resource Conservation Service. No date. *Preliminary soil survey of Butte County, California*. Chico, CA.
- Nelson, Phil. August 1998. Personal Communication. Butte County Public Health; Environmental Health.
- Newbold, J.D., D.C. Erman, and K.B. Roby. 1980. *Effects of logging on macroinvertebrates in streams with and without buffer strips*. Can. J. Fish Aquatic. Science. 37: 1076-1085.
- Nopel, John. Personal Interviews March 19 and March 24, 1998. Local Historian.
- Ofarreol, John. Personal phone Interview. June 8, 1998. Del Oro Water District.
- Oliver, C.D. and T.M. Hinckley, 1987. *Species, stand structures, and silvicultural manipulation patterns for the streamside zone*. In: E.O. Salo, T.W. Cundy (ed.) *Streamside management: forestry and fishery interactions*. Seattle, College of Forest Resources, University of Washington, Seattle, WA.
- Orians. G. H. 1986. *Site Characteristics Favoring Invasions*. In: H.A. Mooney and J.A. Drake, eds. XVII. *Ecology of Biological Invasions of North America and Hawaii*. Springer-Verlag. New York.
- Ornduff, R. 1974. *An Introduction to California Plant Life*. University of California Press. Berkeley, CA.
- Oswald, V. 1994. *Manual of the Plants of Butte County, California*. California Native Plant Society, Sacramento.
- Oswald, V. 1990. *Butte Creek Canyon Ecological Reserve Management*.
- Pacific Gas and Electric, 1993. TES Draft, DeSabra-Centerville Project, Two Year Water Temperature And Flow Monitoring Study. Land and Water Quality Unit, Report 026.11-93.8. San Ramon, CA.
- Pacific Gas and Electric's Technical and Ecological Services (TES) Water Resources Unit. 1990. *Evaluation of 1989 Water Temperatures in Butte Creek from Centerville Head Dam to Centerville Powerhouse- Report 026.11-89.10*.
- Pacific Gas and Electric and State Water Resources Control Board. 1988. *DeSabra-Centerville Hydroelectric Project*. Draft Environmental Impact Report.
- Pacific Gas and Electric. 1983. *Feasibility study for installing a fish passage facility at lower Centerville Diversion Dam*. Pacific Gas and Electric.
- Padilla, David. Personal Phone Interview on October 16, 1997. State Reclamation Board.
- Page, L.M., and B.M. Burr. 1991. *A field guide to freshwater fishes*. Houghton Mifflin Company. Boston, MA.
- Paradise Irrigation District. 1996. *PID Water Quality Management Plan Project Report for the Magalia and Paradise Reservoirs Watershed*.
- Paradise Irrigation District. 1975. *Environmental Impact Report: Enlargement of Paradise Reservoir*.
- Paton, P.W.C. and T.C. Edwards. July 1996. *Factors affecting interannual movements of snowy plovers*. Auk. 113: 534-543.

- Paton, W.C. June 1997. *Breeding biology of snowy plovers at Great Salt Lake, Utah*. Wilson Bulletin 107.
- Pavlik, Bruce M., Pamela Muick, Sharon G. Johnson, and Marjorie, Popper. 1991. *Oaks of California*. Cachume Press in the California Oak Foundation.
- Pearson, L.S., K.R. Conover, and R.E. Sans. 1970. *Factors Affecting the Natural Rearing of Juvenile Coho Salmon During the Summer Low Flow Season*. Fisheries Commission. Portland, Or. (Unpublished Report)
- Philips, R.W. et al. 1975. *Some Effects of Gravel Mixtures on Emergence of Coho Salmon and Steelhead Trout Fry*. Trans-American Fisheries Society. 104(3): 461-466.
- Picard, A., A. Baracco, and R. Kano. September, 1982. *Occurrence, Abundance, and Size of Fish at the Roaring River Slough Intake, Suisun Marsh, California*. Interagency Ecological Study Program for the Sacramento-San Joaquin Estuary.
- Potts, Marie. 1977. *The Northern Maidu*. Naturegraph Publishers. Happy Camp, CA.
- Puckett, L.K. 1975. *The status of spring-run steelhead (Salmon gairdneri) of the Eel River system*. California Department of Fish and Game Memorandum Report.
- Rankin, E.T., 1995. *Habitat Indices in Water Quality Assessment*. In: W.S. Davis & T.P. Simon ed., Bio assessment and Criteria: tools for water resource planning and decision making, Lewis Publishing, Boca Raton, FL.
- Reiser, D.W. and Bjornn. October, 1979. *Habitat Requirements of Anadromous Salmonids*. General Technical Report PNW-96. USDA, USFS.
- Reiser, D.W. and T.A Wesche. 1977. *Determination of Physical and Hydraulic Preferences of Brown and Brook Trout in the Selection of Spawning Locations*. Wyoming Water Restoration Institute, Laramie. Series No. 64.
- Resources Agency. 1995. *San Joaquin River Management Plan*.
- Resources Agency. 1989. *Upper Sacramento River Fisheries and Riparian Habitat Management Plan*. State Bulletin 1086. Sacramento, CA.
- Reynolds, F.L., T.J. Mills, R. Benthin, and A. Low. 1993. *Restoring Central Valley streams: a plan for action*. California Department of Fish and Game, Inland Fisheries Division. Sacramento, CA.
- Rice, Archie. 1960. "The De Sabla and Centerville Power Plants." *Pacific Gas and Electric Company*. Reprint from Journal of Electricity Power and Gas.
- Rich, W.H. 1920. *Early History and Seaward Migration of Chinook Salmon in the Columbia and Sacramento Rivers*. Bulletin Bureau of Fisheries (U.S.) 37: 74.
- Richardson, T.H. 1978. *Observations on downstream migration of salmonid smolts in Cottonwood Creek*. California Department of Fish and Game Preliminary Report.
- Riddell, F.A. 1978. *Maidu and Konkow*. In: R.F. Heizer, ed., Handbook of North American Indians, Volume 8: California. Smithsonian Institution. Washington, DC.
- Riddell, Francis A. 1978. *Maidu Genealogies*. Nevada State Museum. Carson City, Nevada.

- Rogers, Christy. Personal phone Interview. June 9, 1998. Western Canal Water District.
- Rogue Institute for Ecology and Economy. 1994. *Words Into Action: A Community Assessment of the Applegate Valley, Oregon*.
- Roney, Emma. 1997. *A Small Corner of the West*. Co-author, Chapter 2- Cattle Drives over the Campbell Trail.
- Rutter, C. 1902. *Natural History of the Quinnat Salmon: A Report of Investigations in the Sacramento River 1896-1901*. Fish Bulletin (U.S.) 71: 387-400.
- Sacramento Valley Basin Ground Water Levels, Butte County, February 1993
- Sagraves, T. 1990. *Evaluation of 1989 water temperature in Butte Creek from lower Centerville Diversion Dam to Centerville Powerhouse*. Pacific Gas and Electric Report 026.11-89.10.
- Sands, Anne. 1980. *Riparian forests of California, their ecology and conservation*. University of California.
- Sasaki, S. 1966. *Distribution and Food habits of King Salmon *O. tshawytscha* (Walbaum) as Determined by Scale Analysis*. Oregon Department of Fish and Wildlife Information Report Series: Fisheries.
- Sato, G.M. and P.B. Moyle. 1989. *Ecology and conservation of spring-run Chinook salmon*. Annual Report: Water Resources Center. University of California, Davis. Project W-719.
- Sawyer, J. O. and T. Keeler-Wolf. 1995. *A Manual of California Vegetation*. California Native Plant Society, Sacramento.
- Schisling, R. A. and E. L. Sanders. 1983. *Vascular Plants of Richvale Vernal Pools, Butte County, California*. Madrono. 30: 19-30.
- Schisling, R.A. 1982. *Quantitative Analysis of Vegetation at the Richvale Vernal Pools, California*. American Journal of Botany. 69: 737-742.
- Schliechtl, H. 1980. *Bioengineering for land reclamation and conservation*. University of Alberta Press. Edmonton, Alberta.
- Sedell, J.R. September 1998. *From the Forest to the Sea: A Story of Fallen Trees*. USFS General Technical Report. PNW-Gtr-229.
- Sedell, J.R.. And Karen J. Luchessa. 1982. *Using the Historical Record as an Aid to Salmonid habitat Enhancement*. Neil B. Armantrout, Editor, in Procedures of a Symposium on Acquisition and Utilization of Aquatic Habitat Inventory Information held October 28-30, 1981, Portland, Oregon. Western Division of American Fisheries SOG, Bethesda, Maryland.
- Shapovalov, L. and A.C. Taft. 1954. *The life histories of the steelhead rainbow trout and silver salmon with special reference to Waddell Creek, California, and recommendations regarding their management*. California Department of Fish and Game Fish Bulletin No. 98.
- Shipley, W.F. 1978. *Native languages of California*. In: R.F. Heizer, ed., Handbook of North American Indians, Volume 8: California. Smithsonian Institution. Washington, DC.
- Shipley, William F. 1964. *Maidu Grammar*. University of California Press.

- Silver, et al., 1963. *Dissolved Oxygen requirements of Developing Steelhead Trout and Chinook Salmon Embryos at Different Velocities.* Trans-American Fisheries Society 92(4): 327-343.
- Simovich, M.A. and S.A. Hathaway. February, 1997. *Diversified bet-hedging as a reproductive strategy of some ephemeral pool anostracans (Branchipoda).* Journal of Crustacean Biology. 17: 38-44.
- Skinner, M., and B. Pavlik. 1994. *Inventory of rare and endangered vascular plants of California.* 5th edition. California Native Plant Society. Sacramento, CA.
- Slebodnick, D.S. 1976. *Sutter Bypass Study.* California Department of Water Resources, Northern District Report.
- Slebodnick, D.S. and T.L. Hillaire. 1991. *Butte Basin study - basic data.* California Department of Water Resources, Northern District Report.
- Smallwood, K.S. September, 1995. *Scaling Swainson's hawk population density of for assessing habitat use across an agricultural landscape.* Journal of Raptor Research. 29: 172-178.
- Stevens, D.E. and L.W. Miller. 1983. *Effects of river flow on abundance on young Chinook salmon, American shad, longfin smelt, and delta smelt in the Sacramento-San Joaquin river system.* North American Journal of Fisheries Management 3: 425-437.
- Swanson, F.J., M.D. Bryant, G.W. Lienkaemper, and J.R. Sedell. 1984. *Organic debris in small streams, Prince of Wales Island, southeast Alaska.* USDA Forest Service. Geneneral Technical Report PNW-166.
- Taylor, Gayland. Personal communication. 1998. Fish and Game warden.
- Thompson, Lylle. Personal communication. 1997. NRCS.
- Thompson, Kenneth. No date. Determining Stream Flows for Fish Life, In Instream Flow Requirement Workshop, Pacific Northwest River Basin Commission, Vancouver, Washington.
- Thompson, Kenneth. 1961. *Riparian forests of the Sacramento Valley, California.* Annals of Association of American Geographers.
- Trimble, Ted. Personal communication. 1997. Western Canal Water District.
- Tuska, J.E., J.R. Sedell, and R.W. Speaker. 1982. *Habitats and Salmonid Distribution in Pristine Sediment Rich River Valley Systems: South Fork Hoh and Queets River Valley Systems.* In a Symposium on Fish and Wildlife Relationships in Old-Growth Forests. Alaska District of the American Fisheries Institute of Fishery Research Biologists, Juneau, Alaska.
- Upper Sacramento River Advisory Council and Action Team. 1989. *Upper Sacramento River fisheries and riparian habitat management plan.* The Resources Agency of California.
- U.S. Army Corps of Engineers, Sacramento District. 1957. *Design Memorandum No. 2 Sacramento River and Major and Minor Tributaries: Little Chico-Butte Creeks General Design.*
- U.S. Department of Agriculture, Forest Service, Pacific Southwest Region. 1995. *Environmental History and Cultural Ecology of the North Fork of the Eel River Basin, California.*

- U.S. Department of Agriculture, Forest Service and the U.S. Department of the Interior, Bureau of Land Management. 1995. *Decision Notice/Decision Record, Environmental Assessment, and Finding of No Significant Impact* (PACFISH).
- U.S. Department of Agriculture, Forest Service. 1992. Land and Resource Management Plan- Lassen National Forest.
- U.S. Department of the Interior; Bureau of Land Management. 1993. *Redding Resource Management Plan and Record of Decision*.
- U.S. Department of the Interior, Bureau of Reclamation Mid-Pacific Region. 1996. *Lower Stony Creek Fish, Wildlife and Water Use Management Plan*.
- U.S. Department of the Interior, Bureau of Reclamation, Mid Pacific Region. 1996. Butte Creek Water Supply and Fish Passage Study: A Preliminary Engineering Analysis of water conveyance Options to Augment Flows for Fish and wildlife Purposes, Remove Up to Five Diversion Dams on Butte Creek and Maintain a Reliable Irrigation Supply.
- U.S. Department of the Interior, Fish and Wildlife Service. 1997. *Revised Draft Restoration Plan for the Anadromous Fish Restoration Program*.
- U.S. Department of the Interior, Fish and Wildlife Service, et al. 1996. *Proposed Finding of No Significant Impact/Mitigated Negative Declaration and Draft Environmental Assessment/Initial Study for the M&T Parrott Pumping Plant and Fish Screen Project*.
- U.S. Department of the Interior, Fish and Wildlife Service. 1995. *Formal consultation and conference on effects of long-term operation of the Central Valley Project and State Water Project on the threatened delta smelt, delta smelt critical habitat, and proposed threatened Sacramento splittail*. (1-1-94-F-70) Sacramento, CA.
- U.S. Geological Survey. 1998. Provisional data, provided by Mike Friebel, USGS Water Resources Division, Redding Field Office. Redding, CA.
- U.S. Geological Survey. 1993, 1994, 1995, 1996, and 1997(provisional). California Hydrologic Data Reports.
- U.S. Geological Survey. 1996. USGS California Hydrologic Data Report.
- U.S. Geological Survey. 1993. *USGS quality of water west 1 surface 1993*; CD ROM data, Earthinfo, Inc. Boulder, CO.
- U.S. Geological Survey. 1978. *Chemical quality of groundwater in the central Sacramento Valley, California*. (Water Resources Investigation 77-133) Water Resources Division. Menlo Park, CA.
- U.S. Geological Survey. 1894. *Geologic Atlas of the United States*. Jackson Folio. J.W. Powell.
- U.S. Geological Survey. 7.5' Quadrangles for the Butte Creek watershed.
- Vitousek, P.M. 1986. *Invasion and Ecosystem Properties: Can Species Make a Difference?* In: H. A. Mooney and J.A. Drake, eds. XVII. Ecology of Biological Invasions of North America and Hawaii. Springer-Verlag, New York.

- Wang, J.C.S. 1986. *Fishes of the Sacramento-San Joaquin estuary and adjacent waters, California: a guide to the early life histories*. (FS/10-4ATR86-9.) California Department of Water Resources. Sacramento, CA. Prepared for Interagency Ecological Study Program for the Sacramento-San Joaquin Estuary, Sacramento, CA.
- Ward, Paul. 1997 and 1998. Personal Communication. CDFG. Red Bluff, California.
- Water Conservation in the State of California, Mid-Pacific Region. Web page, [http://www.ogee.hydlab.do.usbr.gov/rwc/mp/mp_cal.html]
- Waytiuk, Judy. November-December 1996. *Honk if you love Canada geese*. E. 7: 15-20.
- Welsch, D.J. 1991. *Riparian Forest Buffers*. USDA-FS Pub. No. NA-PR-07-91. USDA-FS, Radnor, PA.
- What is CDF? Web page, [<http://www.fire.ca.gov/whatiscdf.html>]
- Whitmore, C.M., C.E. Warren, and D. Doudoroff. 1960. *Avoidance Reactions of Salmonids and Cetracid Fishes to Low Oxygen Concentrations*. Trans-America Fisheries Society. 89(1): 17-26.
- Wildland Resource Center. 1996. *Status of the Sierra Nevada. Sierra Nevada Ecosystem Project Report, Vol. 1, Vol. 3 and Summary*. University of California, Davis.
- Williams, Donald Robert. 1978. *Analysis of Coliform and Fecal Streptococcal Bacteria in Butte Creek and Big Chico Creek (California)*. Thesis, California State University, Chico.
- Williams, Gail. Personal Interview. July, 1998. Air Quality Planner, Butte County Air Quality Management District.
- Woodbridge, B., K.K. Finley, and P.H. Bloom. September, 1996. *Reproductive performance, age structure, and natal dispersal of Swainson's hawks in the Butte Valley, California*. Journal of Raptor Research. 29: 187-192.
- Working Group of the Watershed Protection and Restoration Council. 1998. *Protecting California's Anadromous Fisheries*.
- Zack, S. 1997. *Linking Avian Research to Restoration of Historic Wetland and Forest Conditions in California*. Omicron Theta Epsilon Seminar Series.
- Zedler, P. H. 1990. *Life Histories of Vernal Pool Vascular Plants*. In: D. H. Ikeda and R. A. Schisling, eds. *Vernal Pools, Their Habitat and Biology*. Studies from the herbarium, California State University.