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Elkhorn Slough National Estuarine Research Reserve

Riparian Workshop Bibliography

Abbe, T. B., and D. R. Montgomery. 1996. Large woody debris jams, channel hydraulics and habitat formation in large rivers. *Regulated Rivers: Research and Management* 12:201-221.

Alley, D.W. et al. 1996. Modeling of critical passage riffles for chinook salmon in lower Mill Creek, Tehama County, California. Prepared for National Fish and Wildlife Foundation.

Alpert, P., F. T. Griggs, and D. R. Peterson. 1999. Riparian forest restoration along large rivers: initial results from the Sacramento River project. *Restoration Ecology* 7:360-368.

Aqua Resources Inc. 1986. Riparian planting design manual for the Sacramento River, Chico Landing to Collinsville. Prepared for the US Army Corps of Engineers. Berkeley CA.

Ballard, G., G. R. Geupel, N. Nur, & T. Gardali. 2003. Long-term declines and decadal patterns in population trends of songbirds in western North America. *Condor* 105:737-755.

Baltz, D.M. and P.M. Moyle. 1984. The influence of riparian vegetation on stream fish communities of California. Pp. 183-187 in: R.E. Warner & K.M. Hendrix (eds.), *California Riparian Systems*. U.C. Press, Berkeley CA.

Bigelow, PE 1996. Evaluation of the Sacramento River spawning gravel restoration project and winter-run Chinook salmon redd survey data, 1987-1993. Final report. US Fish and Wildlife Service. Red Bluff CA. 110 p.

Booth, D. B. 1990. Stream-channel incision following drainage-basin urbanization. *Water Resources Bulletin* 26(3):407-417.

Bryant, M.D. 1988. Gravel pit ponds as habitat enhancement for juvenile coho salmon. General technical report PNW-GTR 212. Portland OR: U.S. dept. of Agriculture, Forest Service, Pac. NW research station.

Bryce, S. A., R. M. Hughes, and P. R. Kaufmann. 2002. Development of a bird integrity index: using bird assemblages as indicators of riparian condition. *Environmental Management* 30(2):294-310.

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Elkhorn Slough National Estuarine Research Reserve

- Buer, K. R. Scott, D. Parfitt, G. Serr, J. Haney, and L. Thompson. 1981. Salmon spawning gravel enhancement studies on Northern California rivers. Pp. 149-154 In: T. Hassler (ed.), Proc. Propagation, enhancement, and rehabilitation of anadromous salmonid populations and habitat symposium. Cooperative Fishery Research Unit, Humboldt State Univ., Arcata CA.
- Burnett, R. D., T. Gardali and G. R. Geupel. In press. Using songbird monitoring to guide and evaluate riparian restoration in salmonid focused stream rehabilitation projects. In C. J. Ralph and T. D. Rich (eds.). Proceedings of the Third International Partners in Flight conference. USDA Forest Service Publication. Asilomar, CA.
- California Dept. of Water Resources. 1994. Use of alternate gravel sources for fishery restoration and riparian habitat enhancement, Shasta and Tehama counties. Northern District, Red Bluff CA. 189 p.
- Carter, M. F., W. C. Hunter, D. N. Pashley, and K. V. Rosenberg. 2000. Setting conservation priorities for landbirds in the United States: the Partners in Flight approach. *Auk* 117:541-548.
- Chainey, S.P., Lang, F.L., and S. Mills. 1989. Revegetation of riparian trees and shrubs on alluvial soils along the upper Sacramento River, 1987-1988. pp.441-446 In: Proceedings of the California Riparian Systems Conference (Sept.22-24, 1988, Davis CA). USDA Forest Service Gen. Tech. Rep. PSW-110. Berkeley CA.
- Chapel, M., A. Carlson, D. Craig, T. Flaherty, C. Marshall, M. Reynolds, D. Pratt, L. Pyshora, S. Tanguay, and W. Thompson. 1992. Recommendations for managing late-seral-stage forest and riparian habitats on the Tahoe National Forest. Nevada City, CA: Tahoe National Forest. 31pp.
- Davidson, C. 1995. Determining habitat conservation priorities for Neotropical migrant birds in California. Draft report. USDA. Forest Service, Pacific Southwest Research Station and Pacific Southwest Region. San Francisco, CA.
- Dawdy, D. R. 1989. Feasibility of mapping riparian forests under natural conditions in California. Pp. 63-68 in Proceedings of the California Riparian Systems Conference. GTR PSW-110, Davis, CA.
- DeSante, D. F. and G. R. Geupel. 1987. Landbird productivity in central coastal California: the relationship to annual rainfall and a reproductive failure in 1986. *Condor* 89:636-653.
- DeSante, D. F. and D. K. Rosenberg. 1998. What do we need to monitor in order to manage landbirds? Pp. 93-110 in J. M. Marzluff and R. Sallabanks (eds.). *Avian Conservation: Research and Management*, Island Press, Washington, D.C.

Coastal Training Program
Elkhorn Slough National Estuarine Research Reserve

- DiGaudio, R. T. 2003. Songbird richness, diversity and abundance in mature and early successional stage riparian habitat on the Cosumnes River. California Riparian Systems: Processes and Floodplain Management, Ecology and Restoration. 2001 Riparian Habitat and Floodplain Conference. Riparian Habitat Joint Venture, Sacramento, CA.
- Dobkin, D. S., A. C. Rich, and W. H. Pyle. 1998. Habitat and avifaunal recovery from livestock grazing in a riparian meadow system of the northwest Great Basin. *Conservation Biology* 12:209-221.
- Erman, D.C., J.D. Newbold, and K.B. Roby. 1977. Evaluation of streamside bufferstrips for protecting aquatic organisms. Univ. of California, California Water Resources Center, Davis. 48pp.
- Faber, P.M. (ed.) 2003. California Riparian Systems: Processes and Floodplain Management, Ecology and Restoration. 2001 Riparian Habitat and Floodplain Conference. Riparian Habitat Joint Venture, Sacramento, CA.
- Frissell, C.A. and R.K. Nawa. 1992. Incidence and causes of physical failure of artificial habitat structures in streams of western Oregon and Washington. *North American Journal of Fisheries Management* 12:182-197.
- Furman, D. 1989. San Joaquin River riparian habitat below Friant Dam: preservation and restoration. pp. 79-82 In: Proceedings of the California Riparian Systems Conference (Sept.22-24, 1988, Davis CA). USDA Forest Service Gen. Tech. Rep. PSW-110. Berkeley CA.
- Gaines, D. F. 1977. The valley riparian forests of California: their importance to bird populations. In A. Sands (ed.). *Riparian forests in California: their ecology and conservation*. Institute of Ecology Publication 15. University of California. Davis, CA.
- Gallo, J. A., J. A. Scheeter, M. A. Holmgren, and S. I. Rothstein. 2000. Initiation of a long term ecological monitoring project: Avian point counts and habitat assessment in riparian communities in 1998 at Vandenberg Air Force Base, California. University of California, Santa Barbara, Museum of Systematics and Ecology. Environmental Report No. 13.
- Gardali, T., S. E. Scoggin, G. R. Geupel. 1999. Songbird use of Redwood and Lagunitas Creeks: management and restoration recommendations. Report to the Golden Gate National Recreation Area. PRBO contribution # 903.
- Gardali, T., G. Ballard, N. Nur, and G. R. Geupel. 2000. Demography of a declining population of Warbling Vireo in coastal California. *Condor* 102:601-609.
- Gardali, T., C. Shoulders, D. Hatch, A. L., S. E. Scoggin, and G. R. Geupel. 2001. Songbird monitoring in the Golden Gate National Recreation Area: a multifaceted tool for guiding restoration of Redwood Creek. *Park Science* 21(1):28-32.

Coastal Training Program
Elkhorn Slough National Estuarine Research Reserve

Geupel, G. R., G. Ballard, N. Nur, and A. King. 1997. Population status and habitat associations of songbirds along riparian corridors of the lower Sacramento River: results from 1995 field season and summary of results 1993 to 1995. Point Reyes Bird Observatory report to the U.S. Fish and Wildlife Service and The Nature Conservancy. Stinson Beach, CA.

Geupel, G. R., G. Ballard, and A. King. 1997. Songbird monitoring on the Cosumnes River Preserve: results from the 1995 field season. Point Reyes Bird Observatory report to The Nature Conservancy. Stinson Beach, CA.

Gore, J.A. 1985. *The Restoration of Rivers and Streams: Theories and Experience*. Butterworth Publishers, Stoneham, MA.

Grinnell, J. and A. H. Miller. 1944. The distribution of the birds of California. *Pacific Coast Avifauna* 27. Cooper Ornithological Club. Berkeley, CA.

Haff, T. M. 2003. Riparian restoration and nest success. What can we learn from the Modesto Song Sparrow? *California Riparian Systems: Processes and Floodplain Management, Ecology and Restoration*. 2001 Riparian Habitat and Floodplain Conference. Riparian Habitat Joint Venture, Sacramento, CA.

Hagar, J. C. 1999. Influence of riparian buffer width on bird assemblages in western Oregon. *Journal of Wildlife Management* 63:484-496.

Haig, S. M., D. W. Mehlman, and L. W. Oring. 1998. Avian Movements and wetland connectivity in landscape conservation. *Conservation Biology* 12:749-758.

Hallock, R. J. 1987. Sacramento River system salmon and steelhead problems and enhancement opportunities. Report to the California Advisory Committee on Salmon and Steelhead Trout. Sacramento CA. 92 p.

Hatfield, Todd and James Bruce. 2000. *Predicting Salmonid Habitat-Flow Relationships for Streams from Western North America*. American Fisheries Society.

Holmes, A., D. L. Humple, T. Gardali, and G. R. Geupel. 1999. Songbird habitat associations and response to disturbance in the Point Reyes National Seashore and the Golden Gate National Recreation Area. Point Reyes Bird Observatory, Stinson Beach, CA.

Holmes A. L., M. E. Flannery, and G. R. Geupel. 2003. The effects of saltcedar (*Tamarix* spp.) on resident songbirds in riparian habitats of the Salton Sea. *California Riparian Systems: Processes and Floodplain Management, Ecology and Restoration*. 2001 Riparian Habitat and Floodplain Conference. Riparian Habitat Joint Venture, Sacramento, CA.

Coastal Training Program
Elkhorn Slough National Estuarine Research Reserve

House, R.A., and P.L. Boehne. 1985. Evaluation of instream enhancement structures for salmonid spawning and rearing in a coastal Oregon stream. *North American Journal of Fisheries Management* 5:283-295.

Holtgrieve, D.G. and G.W. Holtgrieve. 1995. Physical stream survey Upper Butte Creek, Butte County, California. Prepared for The Nature Conservancy and the Spring-run Salmon Working Group. Dept. of Geography and Planning, CSU Chico. Chico CA. 9 p.

Humple, D. L. and G. R. Geupel. 2002. Autumn populations of birds in riparian habitat of California's central valley. *Western Birds* 33:34-50.

Hunter, J. C., K. B. Willett, M. C. McCoy, J. G. Quinn, and K. E. Keller. 1999. Prospects for preservation and restoration of riparian forests in the Sacramento Valley, California, USA. *Environmental Management* 24:65-75.

Jaramillo, A. and S. E. Hudson. 2003. Long terms trends and habitat associations of birds using a riparian restoration site. *California Riparian Systems: Processes and Floodplain Management, Ecology and Restoration*. 2001 Riparian Habitat and Floodplain Conference. Riparian Habitat Joint Venture, Sacramento, CA.

Johnson, J. and F. McCormick, Technical Coordinators. 1979. Strategies for protection and management of floodplain wetlands and other riparian ecosystems. General Tech. Report WO12. U.S. Forest Service.

Katibah, E. F. 1984. A brief history of riparian forests in the Central Valley of California. In R. E. Warner and K. M. Hendrix (eds). *California Riparian Systems: Ecology, Conservation, and Productive Management*. University of California Press Ltd. London, England.

Kauffman, J. B., R. L. Beschta, N. Otting, and D. Lytjen. 1997. An ecological perspective of riparian and stream restoration in the western United States. *Fisheries* 22(5):12-24.

King, J. R. 1984. Revegetation banks and levees of the Sacramento River system. Paper presented at the Symposium of Native Plant Revegetation. California Native Plant Society. Nov 15, 1984. San Diego, CA. 70-73 p.

Knopf, F. L., R. R. Johnson, T. Rich, F. B. Samson, and R. C. Szaro. 1988. Conservation of riparian ecosystems in the United States. *Wilson Bulletin* 100:272-284.

Kondolf, G.M. 1998. Lessons learned from river restoration projects in California. *Aquatic Conservation: Marine and Freshwater Ecosystems* 8:39-52.

Kondolf, GM 1995. Five elements for effective evaluation of stream restoration. *Restoration Ecology* 3:133-136.

Coastal Training Program
Elkhorn Slough National Estuarine Research Reserve

- Kondolf, GM and E.R. Michel. 1995. Evaluating stream restoration projects. *Environmental Management* 19:1-15.
- Kus, B. E. 1998. Use of restored riparian habitat by the endangered Least Bell's Vireo (*Vireo bellii pusillus*). *Restoration Ecology* 6:1.
- Laird, A., K. Barnard and W. Trush. 1989. Evaluation of the Merced River channel stability and salmon spawning habitat impacts from a proposal to modify land excavation and reclamation plan No. 597. Prepared for the California Dept. of Fish and Game. Region 4. Fresno, CA.
- Larison, B., S. A. Laymon, P. L. Williams, and T. B. Smith. 2001. Avian responses to restoration: nest-site selection and reproductive success in Song Sparrows. *Auk* 118(2):432-442.
- Laymon S. A. 1987. Brown-headed Cowbirds in California: historical perspectives and management opportunities in riparian habitats. *Western Birds* 18:63-70.
- Laymon, S.A. and P. L. Williams. 1994. Riparian and wetland breeding bird surveys, Inyo County, California, with emphasis on the Yellow-billed Cuckoo and the Snowy Plover. Final Report to the California Department of Fish and Game.
- Laymon, S. A., and P. A. Williams. 1997. Avifauna in California riparian systems. A report to National Fish and Wildlife Foundation. Kern River Research Center. Weldon, CA.
- Martin, T. E. 1992. Breeding productivity considerations: What are the appropriate habitat features for management? In J. M. Hagan and D. W. Johnson (eds.). *Ecology and Conservation of Neotropical Migrant Birds*. Smithsonian Institute Press, Washington, D.C.
- Marzluff, J. M. and K. Ewing. 2001. Restoration of fragmented landscapes for the conservation of birds: a general framework and specific recommendations for urbanizing landscapes. *Restoration Ecology* 9(3):280-292.
- Moore, F. R., S. A. Gauthreaux, Jr., P. Kerlinger, and T. R. Simmons. 1995. Habitat requirements during migration: important link in conservation. Pp. 121-144 in T. E. Martin and D. M. Finch (eds.). *Ecology and Management of Neotropical Migratory Birds: a synthesis and review of the critical issues*. Oxford University Press, New York, NY.
- Morris, S. and T. Moses. 1999. Urban stream rehabilitation: a design and construction case study. *Environmental Management* 23:165-177.

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Elkhorn Slough National Estuarine Research Reserve

Moyle, P., R. Kattelman, R. Zomer, and P. J. Randall. 1996. Management of Riparian Areas in the Sierra Nevada. In Sierra Nevada Ecosystem Project: Final report to Congress, vol. III, Assessments and scientific basis for management options. University of California Davis, Centers for Water and Wildland Resources.

Myers, M.J. And V.H. Resh. 2000. Undercut banks: a habitat for more than just trout. *Trans. Am. Fish. Soc.* 129:594-597.

National Research Council. 2002. Riparian areas : functions and strategies for management. Committee on Riparian Zone Functioning and Strategies for Management, Water Science and Technology Board, Board on Environmental Studies and Toxicology, Division on Earth and Life Studies, National Research Council. Washington, D.C., 428 pp.

Nur, N., C. J. Ralph, S. Laymon, G. Geupel, and D. Evans. 1996. Save Our Songbirds: Songbird conservation in California's riparian habitats: populations assessments and management recommendations. Annual Report, project 94-232. National Fish and Wildlife Foundation, Washington, D.C.

Ohmart, R. D. 1994. The effects of human-induced changes on the avifauna of western riparian habitats. *Studies in Avian Biology* 15:273-285.

Olson, T. E. and M. V. Gray. 1989. Characteristics of Least Bell's Vireo nest sites along the Santa Ynez River. Pp. 278-284 in Dana L. Abell (ed.). Proceedings of the California Riparian Systems Conference: protection, management, and restoration for the 1990's; September 22-24; Davis, CA. Gen. Tech. Rep. PSW-110, Berkeley, CA.

Pearson, S. F. and D. A. Manuwal. 2001. Breeding bird response to riparian buffer width in managed Pacific Northwest Douglas-fir forests. *Ecological Applications* 11:840-853.

Peterjohn, W. T. and D. L. Cornell. 1984. Nutrient dynamics in an agricultural watershed: observations on the role of a riparian forest. *Ecology* 65:1466-1475.

Peterson, W. 1989. Innovations in stream restoration and flood control design meeting flood capacity and environmental goals on San Luis Obispo Creek. Pages 501-505 in Abell, D.L. (technical coordinator), Proceeding of the California riparian systems conference: protection, management, and restoration for the 1990's; 1988 September 22-24; Davis, CA. General Technical Report PSW-110. Berkeley, CA: Pac.

Poff, N. L. et al 1997 The natural flow regime: a paradigm for river conservation and restoration *Bioscience*: 47(11):769-784

Puth, L.M. and K.A. Wilson. 2000. Boundaries and corridors as a continuum of ecological flow control: lessons from rivers and streams *Conservation Biology* 15(1): 21-30.

Coastal Training Program
Elkhorn Slough National Estuarine Research Reserve

Reynolds, F.L, Reavis, R. L., and J. Schuler. 1990. Sacramento and San Joaquin River Chinook salmon and steelhead restoration and enhancement plan. Draft. Inland Fisheries Div., Calif. Dept. of Fish and Game. Sacramento CA. 93 p.

Reynolds, F.L, Reavis, R. L., and J. Schuler. 1990. Central Valley salmon and steelhead and restoration enhancement plan. Final. Calif. Dept. of Fish and Game. Sacramento CA. 115 p. (See also: CDFG 1990).

Rhoads, B.L., D. Wilson, M. Urban, and E.E. Herricks. 1999. Interaction between scientists and nonscientists in community-based watershed management: emergence of the concept of stream naturalization. *Environmental Management* 24:297-308.

Rich, T. 1998. Guide for assessing the occurrence of breeding birds in western riparian systems. Draft Report, Fish, Wildlife and Forests Group, Bureau of Land Management. Boise, ID.

Ruth, J. T., D. R. Petit, J. R. Sauer, M. D. Samuel, F. A. Johnson, M. D. Fornwall, C. E. Korschgen, and J. P. Bennett. 2003. Science for avian conservation: priorities for the new millennium. *Auk* 120:204-211.

Saab, V. 1999. Importance of spatial scale to habitat use by breeding birds in riparian forests: a hierarchical analysis. *Ecological Applications* 9:135-151.

Sabo, J. L. and M. E. Power. 2002. River-watershed exchange: effects of riverine subsidies on riparian lizards and other terrestrial prey. *Ecology* 83(7):1860-1869.

Sands, A. (ed.). 1977. Riparian forests in California: their ecology and conservation. Institute of Ecology Publication 15, University of California. Davis, CA.

Schueler, T. 1995. The architecture of stream buffers. *Watershed Protection Techniques* 2(4):1-7.

Seehorn. 1985. Fish habitat improvement handbook. US Forest Service, technical publication R8-TP 7.

Semlitsch, R. D. and J. R. Bodie. 2003. Biological criteria for buffer zones around wetlands and riparian habitats for amphibians and reptiles. *Conservation Biology* 17:1219-1228.

Shields, FD, Ronald R. Copeland, Peter C. Klingman, Martin W. Doyle, and Andrew Simon. 2003. Design For Stream Restoration. *Journal of Hydraulic Engineering*. Vol 129, No. 8. pages 575-584.

Sisk, T. D., N. M. Haddad, and P. R. Ehrlich. 1997. Bird assemblages in patchy woodlands: modeling the effects of edge and matrix habitats. *Ecological Applications* 7:1170-1180.

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Elkhorn Slough National Estuarine Research Reserve

Small, S. L. and T. Gardali. In prep. Regional population growth rates of Black-headed Grosbeaks nesting in California riparian forests. *Condor*.

Small, S. L., N. Nur, A. Black, G. R. Geupel, D. Humple, and G. Ballard. 2000. Riparian bird populations of the Sacramento River system: results from the 1993-1999 field seasons. Point Reyes Bird Observatory, Stinson Beach, CA.

Smith, F. E. 1977. A survey of riparian forest flora and fauna in California. In A. Sands (ed.). *Riparian forests in California: their ecology and conservation*. Institute of Ecology Publication 15, University of California. Davis, CA.

Spotts, R. 1989. Conflicts in river management: A conservationist's perspective on Sacramento River riparian habitats - impacts, threats, remedies, opportunities, and consensus. pp. 521-525 In: *Proceedings of the California Riparian Systems Conference* (Sept.22-24, 1988, Davis CA). USDA Forest Service Gen. Tech. Rep. PSW-110. Berkeley CA.

Suarez, A. V., K. S. Pfennig, and S. K. Robinson. 1997. Nesting success of a disturbance-dependent songbird on different kinds of edges. *Conservation Biology* 11(4):928-935.

Tewksbury, J. J., A. E. Black, N. Nur, V. A. Saab, B. D. Logan, and D. S. Dobkin. 2002. Effects of anthropogenic fragmentation and livestock grazing on western riparian bird communities. *Studies in Avian Biology* 25:158-202.

Thomas, D.B., Abt, S.R., Mussetter, R.A. And Harvey, M.D., 2000. A Design Procedure for Sizing Step-Pool Structures. *Proceedings from ASCE Water Resources Conference*.

Warner, R. E., and K. M. Hendrix (eds.). 1984. *California riparian systems: ecology, conservation, and management*. University of California Press. Berkeley, CA.

Welsh, H. H. and L. M. Olliver. 1998. Stream amphibians as indicators of ecosystem stress: a case study from California's redwoods. *Ecological Applications* 8(4):1118-1132.