

Curriculum Vitae

Paul D. Scheerer

Philomath, Oregon 97370
(541) 231-5772 work
paul.scheerer@oregonstate.edu

Education

- 09/80-09/82 Michigan State University, Masters of Science, 1982. Fisheries Management, East Lansing, MI. Cumulative GPA- 4.0 (52 credits; quarter).
- 08/76-05/80 West Virginia University, Bachelors of Science, Magna Cum Laude, 1980. Wildlife Resources (Fisheries Option), Morgantown, WV. Cumulative GPA- 3.7 (131 credits; semester).

Professional Experience

Fish and Wildlife Biologist (Natural Resource Specialist 3)- Assistant Project Leader (May 2005-present)

Oregon Department of Fish & Wildlife, 28655 Highway 34, Corvallis, OR 97333; (541) 757-5147

Planning and Implementation of Research and Monitoring (20%): Lead the planning and implementation of field studies to determine the population status, habitat requirements, life history, genetic relationships, and species interactions of Oregon's native fishes. Independently designed and conducted surveys to assess the distribution, abundance, and life history of Oregon's native fishes including Oregon chub, sand roller, Borax Lake chub, Warner sucker, Foskett speckled dace, Hutton tui chub, Millicoma dace, Umpqua dace, Pit sculpin, and Alvord chub. Developing a decision support model to prioritize native nongame fish research. Established and defined research methodology and scope. Procured supplies and maintained field, lab, and office equipment. Developed and monitored project schedules and budget. Provided management recommendations.

Program Coordination (20%): Acted as lead worker for developing funding for Oregon's native fishes population surveys and research. Independently prepared research proposals and secured funding for distribution and abundance studies, early life history investigations, water quality investigations, and genetics studies. Independently prepared grant proposals for habitat restoration projects for Oregon's native fishes. Coordinated activities and funding with State and Federal agencies, municipalities, private organizations, and landowners. Served as member and chair of interagency technical recovery teams. Developed, tracked, and monitored project schedules and budgets to ensure progress towards project completion.

Technical Consultation (10%): Provided technical expertise relate to Oregon's native fishes. Reviewed complex plans and reports, including Habitat Conservation Plans, Biological Assessments, Environmental Assessments, Conservation Banking agreements, and Safe Harbor agreements. Developed Cooperative Management Plans for listed desert fishes. Provided technical expertise, data, and recommendations to ODFW agency staff, Federal and State agencies related to management activities and project proposals impacting, or having the potential to impact Oregon's native fishes and their habitats. Served as ODFW's representative in the Desert Fish Habitat Partnership and as the Desert Fishes Council area coordinator for Oregon / N. California.

Technical Report Preparation (15%): Prepared technical reports. Prepared research reports, peer-reviewed journal articles, and endangered species permit reports, including analysis, conclusions, and recommendations. Reviewed and edited technical reports and plans including species recovery plans and journal articles. Developed habitat and species management plans.

Data Analysis (15%): Lead the analysis of research data. Developed and maintained computer databases and GIS coverages of Oregon's native fishes. Conducted routine and complex statistical analysis of data. Tabulated and summarized data in formats suitable for written and oral presentations.

Prepared Oral Presentations (10%): Prepared and made presentations regarding Oregon's native fish populations, their status and needs at public meetings, interagency working group meetings, watershed

council meetings, and professional scientific meetings. Prepared data interpretations, computer graphics, PowerPoint presentations, and multimedia displays for presentation. Granted interviews to television, radio, and newspaper reporters concerning Oregon's native fishes.

Administration (10%): Planned, assigned, and reviewed the work of a project assistant (NRS1), field assistants (EBA1), and student interns who assist in the field collecting information on the distribution, abundance, early life history, and habitat conditions of Oregon's native fishes. Prepared and planned work schedules, assigned daily work, explained standards of performance, and responded to grievances. Directed and reviewed field sampling activities. Provided orientation and training in sampling and field activities, including safety training. Interviewed and recommended hiring of employees. Drafted performance appraisals for supervisor's signature.

Supervisory Fish and Wildlife Biologist- Project Leader (April 2009)

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In addition to my regular duties, I was the acting Project Leader during an extended leave of absence by the Native Fish Investigations Project Leader. Completed administrative/supervisory tasks including preparation of grant proposals and hiring of NRS-1 crew leader and seasonal personnel.

Fish and Wildlife Biologist (Natural Resource Specialist 1/2)- Assistant Project Leader (Sept. 1991 – May 2005)

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Independently designed and conducted research to assess the distribution and abundance of Oregon chub in the Willamette Valley, to identify potential introduction sites, and to monitor introductions. Independently designed and conducted research on the early life history of Oregon chub as it relates to U.S. Army Corps of Engineers project operation and mainstem Flow Augmentation for listed salmonids. Established and defined research methodology and scope. Co-developed an Oregon chub conservation banking model and a Conservation Banking Agreement between ODFW, ODOT, and USFWS. Conducted water quality monitoring in Oregon chub habitats at Finley National Wildlife Refuge and near Oakridge. Developed and monitored project schedules and budgets. Assigned and reviewed work of a project assistant (NRS-1) and a research associate (OSU) who worked in the field and laboratory, respectively, collecting information on distribution, abundance, and early life history (aging and hatch date analysis) of Oregon chub. Purchased supplies and maintained field and laboratory equipment. Prepared grant proposals for habitat restoration projects for Oregon chub. Prepared research proposals for funding of distribution and abundance studies, early life history investigations, and genetics studies. Prepared research reports, peer-reviewed journal articles, and endangered species permit applications and permit reports, including analysis, conclusions, and recommendations. Provided technical expertise, data and recommendations to ODFW Fish Division, ODFW Habitat Conservation Division, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, and U.S. Forest Service related to activities and/or proposals impacting of having the potential to impact Oregon chub and their habitats. Served as a technical expert on issues concerning Oregon chub and represented the agency at technical and public meetings related to Oregon chub and their habitats. Coordinated activities and served as the chair for the Oregon Chub Working Group, a technical interagency recovery team, to assess the status of recovery efforts and for implementation of the Oregon Chub Recovery Plan. Provided data and assisted in writing, revising, and updating the Oregon Chub Recovery Plan. Developed and maintained species information in a computerized relational database and in ArcView. Assisted program manager, or in most cases worked independently, to develop and carry out short- and long-range goals and objectives for Oregon chub recovery.

Scheduled, assigned, and reviewed work of 4-6 stream habitat surveyors who walked streams and collected the following types of information related to basin and Oregon Plan stream habitat surveys: 1) general descriptions of the stream, valley, stream side, and riparian characteristics and conditions; 2) identification of habitat types; 3) estimation of habitat area, substrate composition, and functional characteristics of large wood debris; and 4) assessment of fish species composition, distribution, and abundance by electrofishing and snorkeling. Interviewed and recommended hiring of habitat surveyors. Coordinated work with state and federal biologists and managers, and private landowners to plan and coordinate field work, gain and maintain access, explain ODFW policies and methodology, and to present research results. Prepared final technical reports for each stream survey. Checked data for errors. Compiled and summarized physical and biological data using spreadsheets and relational databases. Analyzed data using descriptive statistics and graphical analysis. Prepared data files for integration into a

geographic information system (GIS). Developed descriptions of streams and watersheds using quantitative methods and qualitative judgement. Prepared written summaries, tabular summaries by reach and unit type, graphical summaries by reach and unit, photos, maps, and notes and comments that synthesize data for each stream and watershed. These data are included in both reports and presentations. Provided technical assistance to agency staff and managers. Coordinated, or assisted in coordinating project activities with districts, regions, state and federal agencies, and private landowners.

Fish and Wildlife Biologist (NRS3)- Native Trout Project Leader (March- May 2004)

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Working out-of-class, I served as the Native Trout Project Leader. Provided project oversight and administration of multiple native trout projects (contracts) and on-going field work during the period between the retirement of the acting Project Leader and the filling of the new Project Leader position.

Fish and Wildlife Biologist (NRS3)- Oregon Plan Monitoring Coordinator (March- May 2003)

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Working out-of-class, I served as ODFW's monitoring coordinator for the Oregon Plan for Salmon and Watersheds Monitoring Program. Participated as a member of the inter-agency team of program managers and senior scientists that comprise the Coordinated Salmon Monitoring Program (CSMP) of the Oregon Plan for Salmon and Watersheds. Functioned as ODFW's lead scientist responsible for articulating the goals, objectives, and procedures for the project. Represented ODFW's Monitoring Program at agency, inter-agency, and professional meetings.

Experimental Biological Aide (June 1990- September 1991)

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Surveyed streams to collect qualitative assessment of fish habitat, including general descriptions at the reach level (identified stream channel types, valley types, land use/ownership, riparian characteristics, stream flow) and unit level (determined physical habitat types, dimensions, slope, substrate, shading, bank stability, undercut banks, boulder density, large woody debris). Determined ownership of streams to be surveyed using county plat maps and tax information. Contacted private landowners to obtain permission to access the stream and to conduct surveys. Determined fish species composition, distribution, and abundance by electrofishing and snorkeling.

Prepared final technical reports for stream surveys, including written summaries, tabular summaries by reach and unit type, graphical summaries by reach and unit, maps, photos, etc. Entered and analyzed data using spreadsheets and relational databases. Developed descriptions of streams and watersheds using quantitative methods and qualitative judgment.

Conducted surveys to assess the distribution and abundance of Oregon chub in the Willamette Valley.

Experimental Biological Aide (November 1989- June 1990)

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Mounted and analyzed scales from chinook and coho salmon to determine age and/or origin (hatchery versus wild). Analyzed and summarized data. Prepared reports of age and origin data using computer spreadsheets and relational databases.

Research Assistant (January 1989- March 1989)

Department of Food Science and Technology, Oregon State University, Corvallis, OR.

Assisted in the dissection and screening of rainbow trout exposed to carcinogens, as part of a broad based cancer research program.

Research Associate (September 1982- June 1988)*

Department of Zoology, Washington State University, Pullman, WA 99164.

Designed, collected and analyzed data sets from diverse laboratory genetics investigations. I gained knowledge of salmonid cytogenetics and population genetics. Prepared written reports (11 refereed journal articles; 6 primary authorship). Designed, constructed, and managed a salmonid research hatchery with duties including fish culture, spawning, rearing, and parasite and disease control. Served as laboratory manager during my supervisors 6 month sabbatical. Coordinated the use of research

facilities and materials among researchers. Made frequent contacts and assisted the coordination of activities with hatchery personnel at state, federal, and private facilities. Worked with a private sportsman's and conservation group to enhance a trophy lake fishery using sterilized hybrid trout. Presented data at two international aquaculture conferences, Idaho Chapter of American Fisheries Society meetings, and university seminars. Supervised research assistants and a hatchery technician.

*Note: I took leave from this position (8 months) to work the following three jobs.

Wildlife Biologist 1 (July 1984 - September 1984)

Washington Department of Game, Clarkston, WA.

Conducted quantitative assessments of salmonid habitat in the Tucannon River and Asotin Creek of eastern Washington. Surveyed trout populations, assessed species composition, distribution, and abundance. Directed and supervised the placement of trout habitat improvement structures by heavy equipment operators. Assisted in determining study design, evaluation procedures, and site selection. Coordinated and cooperated with landowners and regional biologists to exchange ideas and gain access for fish sampling and instream structure placement. Supervised field assistant. Coordinated the assistance of volunteers in the construction of certain habitat structures (rock weirs).

Habitat Surveyor (July 1983 - September 1983)

Idaho Department of Transportation, Coeur D'Alene, ID.

Conducted quantitative habitat assessments for salmonid fish in streams altered by the construction of Interstate Highway I-90. Provided recommendations for mitigation of habitat loss resulting from highway construction, including correction of fish passage at road crossings.

Fisheries Research Assistant (April 1983 - June 1983)

University of Idaho Cooperative Fishery Unit, Moscow, ID.

Assisted in a study to monitor stress that occurs during the collection and downstream transport of migrating steelhead trout and Chinook salmon smolts by the U.S. Army Corps of Engineers at lower Snake and Columbia River dams.

Graduate Research Assistant (September 1980-September 1982)

Department of Fisheries and Wildlife, Michigan State University, East Lansing, MI.

Designed and implemented a study of the population dynamics of commercially harvested lake whitefish in northeastern Lake Michigan. Determined distribution and abundance of fish using mark-recapture techniques. Differentiated discrete stocks of whitefish and determined age structures, growth rates, mortality rates (natural and fishing), and sex ratios of these stocks. Analyzed large data sets using main frame computers. Prepared written progress reports, a thesis, and a journal article. Provided written recommendations to state, federal, and tribal fisheries managers regarding potential harvest restrictions and harvest management zones. Gained considerable knowledge regarding habitat requirements and ecology/life history of Great Lakes fishes, limnological processes, and predator-prey relationships from course work and field research. Coordinated activities and communicated frequently with state, federal, and tribal fisheries managers. Worked with tribal and non-tribal commercial fisherman in coordinating research activities, explaining research programs, and to gain continued support and assistance. Presented research results to state, federal, and tribal managers and to the Michigan Fish Producers, an industry group of fishermen and fish processors. Taught laboratory sections of Fish Biology and Management courses. Assisted in studies to evaluate habitat alterations in trout streams and to evaluate community succession of invertebrates following a pond rotenone treatment.

Fisheries Research Assistant (May 1980 - September 1980)

Environmental Office, U.S. Naval Air Station, Patuxent River, MD.

Designed and implemented a study to determine utilization of a Chesapeake Bay estuary by fish and shellfish. Collected and analyzed field data. Prepared a written completion report including recommendations regarding habitat protection/enhancement. Gained considerable knowledge of estuarine ecology of fishes and shellfish. Coordinated and supervised the work of 12 seasonal employees (Youth Conservation Corps) who assisted with the field work.

Fisheries Biological Aide (May 1979 - August 1979)

U.S. Environmental Protection Agency, Wheeling, WV.

Conducted bioassays of industrial and municipal effluents on site for the Mobile Toxicology Laboratory in the Eastern United States. Cultured fish used as test organisms. Maintained research instruments and equipment.

Personal References

Michael Meeuwig (current supervisor)
Oregon Department of Fish and Wildlife
28655 Highway 34
Corvallis, Oregon 97370
(541) 223-1576
michael.meeuwig@oregonstate.edu

Rollie White (peer/ contracting agency contact)
U.S. Fish and Wildlife Service
2600 S.E. 98th Avenue, Suite 100
Portland, Oregon 97266-1938
(503) 231-6179
rollie_white@fws.gov

Gary Thorgaard (past supervisor)
School of Biological Sciences
Washington State University
Pullman WA 99164-4236
509-335-7438
thorglab@wsu.edu

Greg Taylor (peer/ contracting agency contact)
U.S. Army Corps of Engineers
P.O. Box 429
Lowell, Oregon 97452
(541) 937-2131 x146
gregory.a.taylor@usace.army.mil

Professional Societies

American Fisheries Society
Desert Fishes Council

Recent Awards

2009- American Fisheries Society Oregon Chapter Team Award of Merit- Oregon Chub Recovery
2006- Endangered Species National Recovery Champion- U.S. Fish and Wildlife Service
2013- Directors Team Pride Award
2014- Award of Excellence- ODFW
2015- Endangered Species National Recovery Champion- U.S. Fish and Wildlife Service (Team Award)
2015- American Fisheries Society President's Conservation Award (Team Award)

List of Publications (journal articles in blue):

Scheerer, P. D. 1980. Spatial and temporal use of a Chesapeake Bay estuary by fishes during the summer of 1980. Submitted to the U.S. Navy Environmental Office, Patuxent River Naval Air Test Station, Patuxent River, MD. 11 p.

Scheerer, P. D. 1982. Population dynamics and stock differentiation of lake whitefish, *Coregonus clupeaformis*, in northeastern Lake Michigan. Master's thesis, Michigan State University, Lansing. 126 p.

Scheerer, P. D. and G. H. Thorgaard. 1983. Increased survival in salmonid hybrids by induced triploidy. *Canadian Journal of Fisheries and Aquatic Sciences* 40:2040-2044.

Scheerer, P. D. and W. W. Taylor. 1985. Population dynamics and stock differentiation of lake whitefish in northeastern Lake Michigan with implications for their management. *North American Journal of Fisheries Management* 5:526-536.

Thorgaard, G. H., P. D. Scheerer, and J. E. Parsons. 1985. Residual paternal inheritance in gynogenetic rainbow trout: implications for gene transfer. *Theoretical and Applied Genetics* 71:119-121.

Scheerer, P. D., G. H. Thorgaard, F. W. Allendorf, and K. L. Knudsen. 1986. Androgenetic rainbow trout produced from inbred and outbred sperm sources show similar survival. *Aquaculture* 57:289-298.

Parsons, J. E., R. A. Busch, G. H. Thorgaard, and P. D. Scheerer. 1986. Increased resistance of rainbow trout x coho salmon hybrids to infectious hematopoietic necrosis (IHN) virus. *Aquaculture* 57:337-343.

- Scheerer, P. D., G. H. Thorgaard, and J. E. Seeb. 1987. Performance and developmental stability of triploid tiger trout (Brown trout x Brook trout). *North American Journal of Fisheries Management* 116:92-97.
- Scheerer, P. D. and G. H. Thorgaard. 1988. Triploid tiger trout. *Trout News* (Newsletter of British trout farming industry) 6:11-12.
- Scheerer, P. D. and G. H. Thorgaard. 1989. Improved fertilization by cryopreserved rainbow trout semen with theophylline. *Progressive Fish-Culturist* 51:179-182.
- Thorgaard, G. H., P. D. Scheerer, W. K. Hershberger, and J.M. Myers. 1990. Androgenetic rainbow trout produced using sperm from tetraploid males show improved survival. *Aquaculture* 85:215-221.
- Scheerer, P. D., G. H. Thorgaard, and F. W. Allendorf. 1991. Genetic analysis of androgenetic rainbow trout. *Journal of Experimental Zoology* 260:382-390.
- Scheerer, P. D., C. S. Shafer, C. H. Stein, and K. K. Jones. 1992. Chub Investigations. Annual Progress Report. Fish Research Project EF-91 VII-1, Oregon Department of Fish and Wildlife, Portland.
- Thorgaard, G.H., P.D. Scheerer, and J. Zhang. 1993. Integration of chromosome set manipulation and transgenic technologies for fishes. *Molecular Marine Biology and Biotechnology* 1:251-256.
- Scheerer, P. D., C. H. Stein, and K. K. Jones. 1993. Chub Investigations. Annual Progress Report. Fish Research Project EF-92 VII-1, Oregon Department of Fish and Wildlife, Portland.
- Scheerer, P. D., C. H. Stein, and K. K. Jones. 1994. Chub Investigations. Annual Progress Report. Fish Research Project EF93 VII-1, Oregon Department of Fish and Wildlife, Portland.
- Scheerer, P. D., S. Loerts, and K. K. Jones. 1995. Chub Investigations. Annual Progress Report. Fish Research Project EF-94 VII-1, Oregon Department of Fish and Wildlife, Portland.
- Thorgaard, G.H., P. Spruell, P.A. Wheeler, P.D. Scheerer, A.S. Peek, J.J. Valentine, and B. Hilton. 1995. Incidence of albinos as a monitor for induced triploidy in rainbow trout. *Aquaculture* 137:121-130.
- Scheerer, P. D., J. L. Stevens, and K. K. Jones. 1996. Oregon Chub Investigations. Annual Progress Report. Fish Research Project EF-95 VII-1, Oregon Department of Fish and Wildlife, Portland.
- Scheerer, P. D., and K. K. Jones. 1997. Oregon Chub Investigations. Annual Progress Report. Fish Research Project EF-96 VII-1, Oregon Department of Fish and Wildlife, Portland.
- Scheerer, P. D. 1997. Oregon chub research (1996): Santiam and Middle Fork Willamette River drainages, Oregon Department of Fish and Wildlife, Fish Research Project E96960048, Annual Progress Report, Corvallis.
- Scheerer, P. D., T. J. Cornwell, and K. K. Jones. 1998. Oregon Chub Investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-97 VII-1, Annual Progress Report, Portland.
- Scheerer, P. D., and G. D. Apke. 1998. Oregon Chub Research (1997) : Middle Fork Willamette and Santiam River drainages, Oregon Department of Fish and Wildlife, Fish Research Project E96970022, Annual Progress Report, Corvallis.
- U. S. Fish and Wildlife Service (Brown, C., R. Rhew, A. Bentivoglio, and P. Scheerer). 1998. Oregon Chub (*Oregonichthys crameri*) Recovery Plan. Portland, Oregon.
- Scheerer, P. D., C. S. Mease, and K. K. Jones. 1999. Oregon Chub Investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-98 VII-1, Annual Progress Report, Portland.
- Scheerer, P. D., G. D. Apke, and P. J. McDonald. 1999. 1998 Oregon Chub Research: Middle Fork Willamette and Santiam River drainages, Oregon Department of Fish and Wildlife, Fish Research Project E96970022, Annual Progress Report, Corvallis.
- Scheerer, P. D. 1999. Oregon Chub Research in the Willamette Valley 1991-1999. Oregon Department of Fish and Wildlife, Natural Production Section, Corvallis, OR.
<http://oregonstate.edu/Dept/ODFW/freshwater/chub/chbweb99.pdf>
- Scheerer, P. D., C. S. Mease, and K. K. Jones. 2000. Oregon Chub Investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-99 VII-1, Annual Progress Report, Portland.
- Scheerer, P. D., and P. J. McDonald. 2000. Oregon Chub Research (2000): Santiam and Middle Fork Willamette River Drainages, Oregon Department of Fish and Wildlife, Fish Research Project W66QKZ93345985, Project Completion Report, Corvallis.
- Scheerer, P. D. 2000. Oregon chub status and recovery. Oregon Department of Fish and Wildlife, Natural Production Section, Corvallis, OR.
<http://oregonstate.edu/Dept/ODFW/freshwater/inventory/chub.html>
- Scheerer, P. D., P.S. Kavanagh, C. S. Mease, and K. K. Jones. 2001. Oregon Chub Investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-00 VII-1, Annual Progress Report, Portland.

- Scheerer, P. D., and P.J. McDonald. 2001. Monitoring of Hospital Pond: Willamette Basin Oregon Chub Investigations, Monitoring, and Management, Oregon Department of Fish and Wildlife, Fish Research Project W66QKZ93345985, Annual Progress Report, Corvallis.
- Scheerer, P. D., P. S. Kavanagh, and K. K. Jones. 2002. Oregon Chub Investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-01 VII-1, Annual Progress Report, Portland.
- Scheerer, P. D., and M. Terwilliger. 2002. Monitoring of Hospital Pond (2001): Willamette basin Oregon chub investigations, monitoring, and management, Oregon Department of Fish and Wildlife, Fish Research Project W66QKZ10230433, Annual Progress Report, Corvallis.
- Scheerer, P. D. 2002. [Implications of Floodplain Isolation and Connectivity on the Conservation of an Endangered Minnow, Oregon Chub, in the Willamette River, Oregon. Transactions of the American Fisheries Society 131:1070-1080.](#)
- Scheerer, P. D. and P. J. McDonald. 2003. [Age, growth, and timing of spawning of an endangered minnow, the Oregon chub \(*Oregonichthys crameri*\), in the Willamette Basin, Oregon. Northwestern Naturalist 84:68-79.](#)
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- Scheerer, P. D., and M. Terwilliger. 2003. Monitoring of Hospital Pond (2002): Willamette Basin Oregon Chub Investigations, Monitoring, and Management, Oregon Department of Fish and Wildlife, Fish Research Project W66QKZ13186771, Annual Progress Report, Corvallis.
- Scheerer, P. D. 2003. ODOT Oregon Chub Surveys. Oregon Department of Fish and Wildlife, Fish Research Contract #20675, Annual Progress Report, Corvallis.
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- Scheerer, P. D., P.S. Kavanagh, and K. K. Jones. 2004. Oregon Chub Investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-03 VII-1, Annual Progress Report, Portland.
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- Scheerer, P. D., P.S. Kavanagh, and S. E. Jacobs. 2004b. Oregon Chub Investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-04 VII-1, Annual Progress Report, Salem.
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- Scheerer, P. D., S. E. Jacobs, and M. Terwilliger. 2005. Monitoring of Hospital Pond (2005): Willamette Basin Oregon Chub Investigations, Monitoring, and Management, Fish Research Project W66QKZ13304328, Annual Progress Report, Corvallis. 21 p.
- Scheerer, P. D., and S. E. Jacobs. 2005. Borax Lake Chub Population Assessment and Monitoring Strategy. Fish Research Project E-2-40, Contract #134204M129, Annual Progress Report, Corvallis. 15 p.
- Scheerer, P. D., and S. E. Jacobs. 2005. Hutton Spring Tui Chub and Foskett Spring Speckled Dace Investigations. Fish Research Project E-2-37, Annual Progress Report, Corvallis. 11 p.

- Scheerer, P. D., P.S. Kavanagh, B. Bangs, and S. E. Jacobs. 2006. Oregon chub investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-06, Annual Progress Report, Salem.
- Scheerer, P. D., P. S. Kavanagh, B. L. Bangs, and S. E. Jacobs. 2006. 2006 OPRD- Oregon Chub Population Monitoring on Oregon State Parks Lands in the Willamette Valley. Oregon Department of Fish and Wildlife, Contract OPRD #06-161, Annual Progress Report, Salem.
- Scheerer, P. D. and S. E. Jacobs. 2006. Status and distribution of the sand roller (*Percopsis transmontana*) in the Willamette basin, Oregon. *Northwestern Naturalist* 87:233-239.
- Scheerer, P. D., M. Terwilliger, and S. E. Jacobs. 2006. Willamette Valley Projects- Lookout Point- Oregon Chub (2006), Fish Research Project FW2006-02, Annual Progress Report, Corvallis. 21 p.
- Scheerer, P. D., S. E. Jacobs, and A. V. Munhall. 2006. 2006 Warner Valley fish investigations- Warner suckers. Oregon Department of Fish and Wildlife, Contracts HLP0630009 (BLM) and 134206M093 (USFWS), Annual Progress Report, Salem.
- Scheerer, P. D. and S. E. Jacobs. 2006. 2006 Borax Lake Chub Investigations. Fish Research Projects E-2-40, E-2-40 Supplement, and TNC, Annual Progress Report, Corvallis. 16 p.
- Scheerer, P. D. 2007. Threatened fishes of the world: *Oregonichthys crameri* (Snyder, 1908) (Cyprinidae). *Environmental Biology of Fishes* 80:493-494.
- Scheerer, P. D. 2007. Improved Status of the Endangered Oregon Chub in the Willamette River, Oregon. In: Status, distribution and conservation of native freshwater fishes of Western North America: a symposium proceedings. *Transactions of the American Fisheries Society Symposium* 53:91-102.
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- Scheerer, P. D. and S. E. Jacobs. 2007. 2007 Borax Lake Chub Investigations. Fish Research Project E-2-41, USFWS contract 134206M085, and BLM contract HAP074439, Annual Progress Report, Corvallis. 8 p.
- Scheerer, P. D., and S. E. Jacobs. 2007. Hutton Spring Tui Chub and Foskett Spring Speckled Dace Investigations. Fish Research Project 134206M085, Annual Progress Report, Corvallis. 10 p.
- Scheerer, P. D., M. Terwilliger, and S. E. Jacobs. 2007. Willamette Valley Projects- Lookout Point- Oregon Chub (2007), Fish Research Project FW2007-01, Annual Progress Report, Corvallis. 15 p.
- Scheerer, P. D., M. P. Heck, S. L. Gunckel, and S. E. Jacobs. 2008. Warner sucker stream investigations- Warner suckers. Oregon Department of Fish and Wildlife, Contracts HLP073006 (BLM) and 134206M086 (USFWS), Annual Progress Report, Salem. 15 p.
- Heck, M. P., P. D. Scheerer, S. L. Gunckel, and S. E. Jacobs. 2008. Status and distribution of native fishes in the Goose Lake basin. Oregon Department of Fish and Wildlife Information Report 2008-02, Salem. 29 p.
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List of Presentations (since 2007):

| Date | Title of Presentation, Meeting, and Location |
|---------|---|
| 5/2016 | Investigations of Oregon Desert Nongame Fishes. Desert Fishes Working Group Meeting, Bend, OR. |
| 3/2016 | Distribution and abundance of Umpqua chub in the Umpqua River Basin, 2015. Umpqua Nongame Fishes Working Group Meeting, Roseburg, OR. |
| 3/2016 | Distribution and abundance of Umpqua chub in the Umpqua River Basin, 2015. ODFW Conservation and Recovery March Meeting, Corvallis, OR. |
| 3/2016 | An evaluation of the effectiveness of minnow traps for estimating the abundance of minnows in desert spring systems. Oregon Chapter of the American Fisheries Society Annual Meeting, Seaside, OR. |
| 3/3016 | Oregon's native nongame fishes: a tale of diverse habitats, endemics, recovery success, and prioritization of future research. BLM Fish Biologist Meeting, Seaside, OR. |
| 11/2015 | An evaluation of the effectiveness of minnow traps for estimating the abundance of minnows in desert spring systems. Desert Fishes Council Annual Meeting, Death Valley, CA. |
| 11/2015 | Oregon / Northern California Area Report. Desert Fishes Council Annual Meeting, Death Valley, CA. |
| 8/2015 | Oregon's native nongame fishes: a tale of diverse habitats, endemics, recovery success, and prioritization of future research. International AFS Meeting, Portland, OR. |
| 8/2015 | Habitat creation, population establishment, habitat restoration, and population response of Foskett speckled dace in Southeast Oregon. International AFS Meeting, Portland, OR. |
| 4/2015 | Investigations of Oregon Desert Nongame Fishes. Desert Fishes Working Group Meeting, Bend, OR. |
| 2/2015 | Do native and nonnative fish partition habitats? US Army Corps Fisheries Review, Portland, OR. |
| 9/2014 | Tiny fish in a hot spring: monitoring the status of the endangered Borax Lake Chub, <i>Gila boraxobius</i> , in a geothermal lake in southeastern Oregon. Oregon Chapter AFS Native Fishes Workshop, Harney County, OR. |
| 4/2014 | 2013 Investigations of Oregon Desert Nongame Fishes. Desert Fishes Working Group Meeting, Bend, OR. |
| 4/2014 | Recovering a desert fish, Warner sucker, in the face of nonnative fishes, drought, and blocked migratory corridors. Oregon State University Monday Morning Meeting. |
| 3/2014 | Recovering a desert fish, Warner sucker, in the face of nonnative fishes, drought, and blocked migratory corridors. Oregon State University Monday Morning Meeting Seminar. |
| 2/2014 | Status of Alvord chub in the Alvord basin in SE Oregon and NW Nevada. Oregon Chapter of American Fisheries Society Annual Meeting, Eugene, OR. |
| 11/2013 | Status of Alvord chub in the Alvord basin in SE Oregon and NW Nevada. Desert Fishes Council Annual Meeting, Flagstaff, AZ. |

- 11/2013 Oregon / Northern California Area Report. Case Study: Response of Foskett speckled dace to habitat restoration and introduction into a novel habitat. Desert Fishes Council Annual Meeting, Flagstaff, AZ.
- 11/2012 Warner Sucker Investigations in the Warner Basin, Oregon. Seminar at USFWS Abernathy Fish Technology Center, Longview, WA.
- 11/2012 Warner Sucker Investigations in the Warner Basin, Oregon. Desert Fishes Council Annual Meeting, Death Valley, CA.
- 11/2012 Oregon / Northern California Area Report. Desert Fishes Council Annual Meeting, Death Valley, CA.
- 2/2012 Oregon Chub: Twenty Years Later, Where Are We Now and What Have We Learned? Oregon Chapter of the American Fisheries Society Meeting, Eugene, OR.
- 2/2012 Oregon Chub: Twenty Years Later, Where Are We Now and What Have We Learned? US Army Corps of Engineers Willamette Fisheries Research Review, Corvallis, OR.
- 2/2012 Tiny Fish in a Hot Spring: Monitoring the Status of the Endangered Borax Lake Chub, *Gila boraxobius*, in a Geothermal Lake in Southeastern Oregon. Oregon Chapter of the American Fisheries Society Meeting, Eugene, OR.
- 1/2012 2011 Investigations of Oregon Desert Nongame Fishes. Desert Fishes Working Group Meeting, Bend, OR.
- 2/2011 A Species Crediting Methodology that Supports Conservation Banking for a Threatened Floodplain Minnow. Oregon Chapter of American Fisheries Society Annual Meeting, Bend, OR.
- 2/2011 2010 Investigations of Oregon Desert Nongame Fishes. Desert Fishes Working Group Meeting, Bend, OR.
- 1/2011 Warner Sucker Investigations in the Warner Basin, Oregon. Conservation and Recovery Program Meeting, Corvallis, OR.
- 11/2010 Warner Sucker Investigations in the Warner Basin, Oregon. Desert Fishes Council Annual Meeting, Moab, UT.
- 11/2010 Oregon / Northern California Area Report. Desert Fishes Council Annual Meeting, Moab, UT.
- 5/2010 ODFW Redband Trout Studies in SE Oregon, Goose Lake Fishes Working Group Meeting, Lakeview, OR.
- 1/2010 Recovery of the endangered Oregon chub, an endemic Willamette Valley minnow. Oregon State University Fisheries and Wildlife Seminar, Corvallis, OR.
- 2/2010 2009 Investigations of Oregon Desert Nongame Fishes. Desert Fishes Working Group Meeting, Bend, OR.
- 11/2009 Warner Sucker Investigations in the Warner Basin, Oregon. Desert Fishes Council Annual Meeting, Death Valley, CA.
- 11/2009 Oregon / Northern California Area Report. Desert Fishes Council Annual Meeting, Death Valley, CA.
- 5/2009 The Status of Warner Suckers in the Warner Basin, OR. Western Division of the American Fisheries Society Annual Meeting, Albuquerque, NM.
- 2/2009 Monitoring the Status of the Endangered Borax Lake Chub, *Gila boraxobius*, in Southeastern Oregon, Oregon Chapter of American Fisheries Society Annual Meeting, Eugene, OR.
- 2/2009 2008 Investigations of Oregon Desert Nongame Fishes. Desert Fishes Working Group Meeting, Bend, OR.
- 5/2008 Status and Distribution of Native Fishes in the Goose Lake Basin. Goose Lake Fishes Working Group Meeting, Lakeview, OR.
- 1/2009 2008 Oregon Chub Investigations, Oregon Chub Working Group Meeting, Corvallis, OR.
- 11/2008 Monitoring the Status of the Endangered Borax Lake Chub, *Gila boraxobius*, in Southeastern Oregon, Desert Fishes Council Annual Meeting, Cuatrociénegas, Coahuila, Mexico.
- 11/2008 Oregon / Northern California Area Report. Desert Fishes Council Annual Meeting, Cuatrociénegas, Coahuila, Mexico.
- 2/2008 Implications of Floodplain Isolation and Connectivity on the Recovery of Oregon Chub, Oregon Chapter of American Fisheries Society Annual Meeting, Bend, OR.
- 1/2008 Summary of Warner Sucker Investigations 2008. Presentation to the US Army Corps of Engineers regarding species status related to Caspian tern diet study at Crump Lake, Corvallis, OR.

- 1/2008 Studies of Oregon's Non-game Threatened & Endangered Fishes, Presentation to Fish Conservation Biologists (ODFW Stakeholders), Portland, OR.
- 1/2008 Conservation Status of Oregon Chub, Oregon Chub Working Group Meeting, Corvallis, OR.
- 12/2007 Status of the Desert Non-game T&E Fishes of SE Oregon, Desert Fishes Working Group Meeting, Bend, OR.
- 11/2007 The Status of Warner Suckers in the Warner Basin, Oregon. Desert Fishes Council Annual Meeting, Ventura, CA.
- 10/2007 Improved Status of Oregon Chub in the Willamette Basin, Oregon. Presentation to US Fish and Wildlife Service, Vancouver, WA.
- 5/2007 Status, Life Histories, and Habitat Requirements of Selected Nongame Fishes in Oregon. Presentation at Portland State University River Restoration and Ecological Processes Workshop, Portland, OR.
- 4/2007 Oregon Chub Investigations, Presentation to the Muddy Creek Watershed Council, Alpine, OR.
- 2/2007 Status of the Endangered Borax Lake Chub in Southeastern Oregon. Oregon Chapter of the American Fisheries Society, Eugene, OR.
- 2/2007 Reintroductions of Endangered Oregon Chub in the Willamette Valley. Oregon Chapter of the American Fisheries Society, Eugene, OR.
- 1/2007 2006 Oregon Chub Investigations, Oregon Chub Working Group Meeting, Corvallis, OR.