

Michael L. Schaver

Education

Master of Science in Biology Northern Arizona University, Flagstaff, AZ 1995
Areas of Emphasis in Aquatic Biology and Ecology

Bachelor of Science in Environmental Studies State University of New York
College of Environmental Science and Forestry, Syracuse, NY 1990
Areas of Emphasis in Water Resources and Remote Sensing

Certifications

OSHA Certification

Health and Safety Training for Hazardous Waste Workers, University of California, Davis, CA 1997
Chemical and Biological Hazard Management, Salt Lake Community College, Salt Lake, UT 1996

National Science Foundation, Young Scholars Program Educator Training
Northern Arizona University, Flagstaff, AZ 1995

Water and Wastewater Treatment Class 1 Certification
Coconino Community College, Flagstaff, AZ 1992

Work Experience

Environmental Coordinator Big Valley Band of Pomo Indians, Big Valley Rancheria, Lakeport, CA
Assisting the members of the Big Valley Band of Pomo Indians in obtaining information on environmental issues and in the planning for the protection of natural resources. Conducting an environmental survey of Tribal Lands and Waters and formalizing a Tribal Environmental Policy Act. Developing a longterm water quality program and training Tribal Members in the skills needed to continue the Clean Water Act Program. Coordinating the technical assistance of the NRCS and Conservation District in the Tribe's restoration projects. April 1998 to Present

Outreach Coordinator U.C. Davis - Clear Lake Environmental Research Center, Lakeport, CA
Coordinated the participation of the Center in community panel discussions and organized the First Annual Clear Lake Science and Management Symposium. Project Leader of Algal Biomass Monitoring Program for the Lake County Community Entrepreneurial Watershed and Water Quality Improvement Project. Assisted in the monitoring and remedial design development of the EPA Superfund site at Sulphur Bank Mercury Mine. February 1997 to April 1998

Wildlife Biologist United States Fish and Wildlife Service, Division of Ecological Services, Salt Lake City, UT
Conducted surveys for environmental contaminants in the Great Salt Lake and Colorado River drainages. Sampled water, sediment, benthic macroinvertebrates, fishes, and waterfowl at selected sites. Maintained field survey database for the Environmental Contaminants Division. June 1996 to December 1996

Biology Laboratory Instructor Salt Lake Community College, Salt Lake City, UT
Developed educational materials to enhance biological concepts included in lecture coursework. Prepared and maintained samples and equipment for biological demonstrations. Instructed students in laboratory experiments and technique training. Implemented procedures for laboratory Chemical and Biological Hazard Management. October 1995 to May 1996

Research Mentor Northern Arizona University, Science and Math Learning Center, Flagstaff, AZ
Instructed high school students and teachers in field research methods and lab analysis for the National Science Foundation's Young Scholars Program. Chemical, physical, and biological data were collected by students and teachers for the management of Montezuma Castle National Monument. May 1995 to August 1995

Research Assistant Northern Arizona University, Biology Department, Flagstaff, AZ
Designed experiments and collected field data for the Glen Canyon Environmental Studies, Aquatic Foodbase Study. Trained volunteer work teams in field sampling and data processing. Assisted in the teaching of Stream Ecology, Limnology, and Phycology laboratories and field trips. June 1991 to May 1995

9640 Carrie Lane
Kelseyville, CA 95451
Home: (707) 928 - 1919
Work: (707) 263 - 3924

Michael L. Schaver

Publications

P.J. Richerson, X. Li, L.M. Meillier and M.L. Shaver (1998) Determination of Algal Biomass Using a Field Fluorometric Method in Clear Lake, California. U.C. Davis - Clear Lake Environmental Research Center, Lakeport, California.

M.L. Shaver, J.P. Shannon, K.P. Wilson, P.L. Benenati and D.W. Blinn (1997) Effects of suspended sediment and desiccation on the benthic tailwater community in the Colorado River, USA. *Hydrobiologia* 357: 63-72. Kluwer Academic Publishers, Belgium.

T.H. Suchanek, L.H. Mullen, P.J. Richerson, D.G. Slotten, D.C. Nelson, E.E. Mack, J.C. Becker, L.L. Brister, A.E. Maxson, M.L. Shaver and L.M. Meillier (1997) The Biogeochemistry of Mercury Contamination From the Sulphur Bank Mercury Mine at Clear Lake, California: A Mining Legacy. The First Annual Clear Lake Science and Management Symposium Proceedings Volume. U.C. Davis - Clear Lake Environmental Research Center, Lakeport, California.

M.L. Shaver (1995) The role of turbidity and desiccation in structuring benthic communities in the Colorado River, Arizona. Master of Science Thesis. Northern Arizona University, Flagstaff, Arizona.

J.P. Shannon, P.L. Benenati, M.L. Shaver, K.P. Wilson and D.W. Blinn (1995) Mechanisms affecting drift of *Cladophora glomerata* associated epiphytes and macroinvertebrates in the Colorado River through Grand Canyon National Park, Arizona. North American Benthological Society. 43rd Annual Meeting, Keystone, Colorado.

M.L. Shaver, F.G. Govedich, J.P. Shannon, K.P. Wilson and D.W. Blinn (1994) Reciprocal transplants in clear and turbid water habitats in the regulated Colorado River, Grand Canyon, Arizona. North American Benthological Society. 42nd Annual Meeting, Orlando, Florida.