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EDUCATION

1964	University of Minnesota	B.A.	-	Zoology
1966	Cornell University	M.S.	-	Conservation
1969	University of Minnesota	Ph.D.	-	Zoology

UNIVERSITY POSITIONS

1969 - 1972	Assistant Professor, Biology, California State University, Fresno, CA
1972 – present	Assistant to Full Professor, University of California, Davis, California
1982 - 1987	Chair, Department of Wildlife & Fisheries Biology, University of California, Davis, California
2002-present	Associate Director, Center for Watershed Science UCD

PROFESSIONAL SOCIETIES/ORGANIZATIONS

American Fisheries Society (national & local chapters); American Society of Ichthyologists and Herpetologists; Ecological Society of America; Desert Fishes Council; Society for Conservation Biology; AAAS; AIBS

AWARDS

Award of Excellence, Western Division, American Fisheries Society (1991); Haig-Brown Award, California Trout (1993); Distinguished Fellow, Gilbert Ichthyological Society (1993); Fellow, California Academy of Sciences (1993); Bay Education Award, Bay Institute (1994); Public Service Award, UCD (1995); Outstanding Educator Award, American Fisheries Society (1995, with J. J. Cech); Streamkeeper Award, Putah Creek Council (1997); Distinguished Ecologist, Colorado State University (2001); Outstanding Mentor Award, UCD (2003); President's Chair in Undergraduate Education, UCD (2003-2006, with J. Mount). Outstanding Achievement Award, Association of Fisheries Research Biologists (2007); Award of Excellence, highest award of American Fisheries Society (2007).

OTHER

Editorial Boards *Environmental Biology of Fishes*, *Biological Conservation*, *University of California Publications in Zoology*, and *Biological Invasions*. Expert testimony: Bay/Delta Hearings, State Water Resources Control Board; Congressional hearings, Re-authorization of Endangered Species Act, etc. Head, Delta Native Fishes Recovery Team (1993-1995); Member, Sierra Nevada Ecosystem Project Team (1994-1996); Member, Independent Science Board,

CALFED Ecosystem Restoration Program; Board Member, The Natural Heritage Institute; Board member, California Trout; Fisheries Consultant, City and County of San Francisco. Member, National Research Council Committee on Endangered Fishes in the Klamath Basin (2002-2003). Member, Editorial Committee, University of California Press (2006-). Member, Delta Risk Management Strategy Steering Committee (2006-2008), DWR. Member, San Joaquin River Restoration Technical Advisory Committee (2007-).

TEACHING

Teach basic courses in fish biology, conservation, fisheries, and watershed ecology. Co-authored (with J. Cech) widely used ichthyology text (5th edition, 2004) and co-edited (with C. Schreck) American Fisheries Society handbook on techniques for working with fish. Active in Graduate Group in Ecology.

RECENT PUBLICATIONS

Author or co-author of over 180 peer-reviewed publications, including six books/monographs.

- Moyle, P. B. 2002. *Inland Fishes of California*. Berkeley: University of California Press 502 pp.
- Matern, S. A., P. B. Moyle, and L. C. Pierce. 2002. Native and alien fishes in a California estuarine marsh: twenty-one years of changing assemblages. *Transactions of the American Fisheries Society* 131:797-816.
- Moyle, P. B., P. K. Crain, K. Whitener, and J. F. Mount. 2003. Alien fishes in natural streams: fish distribution, assemblage structure, and conservation in the Cosumnes River, California, USA. *Environmental Biology of Fishes* 6:277
- Marchetti, M. P., P. B. Moyle, and R. Levine. 2004. Alien fishes in California watersheds: characteristics of successful and failed invaders. *Ecological Applications* 14:587-596.
- Moyle, P.B., R. D. Baxter, T. Sommer, T. C. Foin, and S. A. Matern. 2004. Biology and population dynamics of Sacramento Splittail (*Pogonichthys macrolepidotus*) in the San Francisco Estuary: a review. *San Francisco Estuary and Watershed Science* [online serial] 2(2):1-47.
- Hogan, Z. S., P. B. Moyle, B. May, M. J. Vander Zander, and I. G. Baird. 2004. The imperiled giants of the Mekong. *American Scientist* 92: 228-237.
- Moyle P.B. and J. A. Israel. 2005. Untested assumptions: effectiveness of screening diversions for conservation of fish populations. *Fisheries* 30 (5):20-28
- Moyle, P.B. and M. P. Marchetti. 2006. Predicting invasion success: freshwater fishes in California as a model. *Bioscience* 56:515-524.
- Merz, J. F. and P. B. Moyle. 2006. Salmon, wildlife and wine: Marine derived nutrients in human-dominated ecosystems of central California. *Ecological Applications* 16: 999-1009.
- Noss, R. F., J. F. Franklin, W.L. Baker, T. Schoennagel, and P.B. Moyle. 2006. Managing fire-prone forests in the western United States. *Frontiers in Ecology and the Environment* 9:481-487.
- Lund, J., E. Hanak., W. Fleenor, W., R. Howitt, J. Mount, and P. Moyle. 2007. Envisioning futures for the Sacramento-San Joaquin Delta. San Francisco: Public Policy Institute of California. 284 pp.
- Moyle P.B., Crain P.K., and Whitener K. 2007. Patterns in the use of a restored California floodplain by native and alien fishes. *San Francisco Estuary and Watershed Science* 5(3):1-27.
- Moyle, P. B. and J. F. Mount 2007. Homogenized rivers, homogenized faunas. *Proceedings, National Academy of Sciences* 104: 5711-5712.
- Ribeiro, F., B. Elvira, M. J. Collares-Pereira, and P. B. Moyle. 2008. Life history traits of non-native fishes in Iberian watersheds across several invasion stages: a first approach. *Biological Invasions*. 10:89-102.
- Moyle, P.B. J.A. Israel, and S. E. Purdy. 2008. Salmon, steelhead, and trout in California: status of an emblematic fauna. UC Davis Center for Watershed Sciences. 316 pp. (available at Caltrout.org).
- Mosepele, K., P. B. Moyle, G. S. Merron, D. Purkey, and B. Mosepele. 2009. Fish, floods, and ecosystem engineers: aquatic conservation in the Okavango Delta, Botswana. *BioScience* 59:53-64
- Lund, J., E. Hanak, W. Fleenor, W. Bennett, R. Howitt, J. Mount, and P. Moyle. In press. Comparing Futures for the Sacramento-San Joaquin Delta. Berkeley, University of California Press.