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And
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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 EXPERIENCE

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, CIWSM Center (Acting Director 1 July 03)

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

RECENT 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 (2003-2004).

RESEARCH INTERESTS

Conservation of aquatic species, habitats, and ecosystems worldwide; ecology of estuarine and stream fishes in California; impact of alien aquatic organisms; use of floodplains by fish.

OTHER

Editorial Boards *Environmental Biology of Fishes*, *Biological Conservation*, 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; Vice President, The Natural Heritage Institute;. Fisheries Consultant, City and County of San Francisco. Steering committee and co-PI (with David Robertson, English), Putah/Cache Watershed Project (UCD); Member, National Research Council Committee on Endangered Fishes in the Klamath Basin.

TEACHING

Teach basic courses in Fish Biology, Wildlife Conservation, Fisheries, and Nature and Culture. Co-authored (with J. Cech) widely used ichthyology text (5th edition, 2003) and co-edited (with C. Schreck) handbook on techniques for working with fish. Active in Graduate Group in Ecology (currently on Executive Committee). Steering Committee, Nature and Culture Program.

PUBLICATIONS

Author or co-author of over 170 publications, including five books/monographs

SELECTED RECENT PUBLICATIONS

- Moyle, P. B. and T. Light. 1996. Biological invasions of fresh water: empirical rules and assembly theory. *Biological Conservation* 78:149-162.
- Bennett, W.A., and P. B. Moyle. 1996. Where have all the fishes gone: interactive factors producing fish declines in the Sacramento-San Joaquin estuary. Pages 519-542 in J. T. Hollibaugh, ed. *San Francisco Bay: the Ecosystem*. San Francisco: AAAS, Pacific Division.
- Brown, L. R. and P. B. Moyle. 1997. Invading species in the Eel River, California: successes, failures, and relationships with resident species. *Environmental Biology of Fishes* 49: 271-291.
- Moyle, P. B., M. P. Marchetti, J. Baldrige, and T. L. Taylor. 1998. Fish health and diversity: justifying flows for a California stream. *Fisheries (Bethesda)* 23(7):6-15.
- Moyle, P. B. and P. J. Randall. 1998. Evaluating the biotic integrity of watersheds in the Sierra Nevada, California. *Conservation Biology* 12: 1318-1326.
- Yoshiyama, R. M., E. R. Gerstung, F. W. Fisher, and P. B. Moyle. 2000. Chinook salmon in California's Central Valley: an assessment. *Fisheries* 25(2):6-20.
- Marchetti, M. P. and P. B. Moyle. 2001. Effects of flow regime and habitat structure on fish assemblages in a regulated California stream. *Ecological Applications* 11: 530-539.
- Marchetti, M. P., T. Light, J. Feliciano, T. Armstrong, Z. Hogan, and P. B. Moyle. 2001. Homogenization of California's fish fauna through abiotic change. Pages 269-288 in J.L. Lockwood and M.L. McKinney, editors. *Biotic Homogenization*. Kluwer/Academic Press, New York.
- Chasnoff, B. and P. B. Moyle. 2001. Ethics, ecology, and economics in river management: the benefits of working together. Pages 157-176 in C. K. Davis and R. E. McGinn, editors. *Navigating rough waters: ethical issues in the water industry*. Denver, Colorado, American Waterworks Association.
- Moyle, P. B. 2002. *Inland Fishes of California*. Revised and Expanded. 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.
- Marchetti, M. P., P. B. Moyle, and R. Levine. In press. Alien fishes in California watersheds: characteristics of successful and failed invaders. *Ecological Applications*.
- Moyle, P. B., P. K. Crain, K. Whitener, and J. F. Mount. In press. Alien fishes in natural streams: fish distribution, assemblage structure, and conservation in the Cosumnes River, California, USA. *Envir. Biol. Fish.*