

Professional Vita
Chester C. Buchanan
15440 Balsawood Dr.
Reno, NV 89511
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EDUCATION

1968

Master of Science in Zoology from San Diego State University, San Diego, California
Master's Thesis: *Analyses of Creel Survey Techniques and a Comparison of Results with the California Department of Fish and Game Survey on El Capitan Reservoir, San Diego Co., California* (resulted in a peer reviewed publication)

1966

Bachelor of Science in Biology from San Diego State University, San Diego, California

PROFESSIONAL EMPLOYMENT

2003 – 2010

Position: Self-employed consultant for the U.S. Bureau of Reclamation in Carson City, Nevada

Duties: Assisted the Bureau in finalizing Truckee River Operating Agreement (TROA) negotiations, finishing the TROA Environmental Impact Statement & Environmental Impact Report (EIS/EIR), negotiating a water storage contract with the Truckee Meadows Water Authority, and developing a policy for storing Newlands Project credit water in Stampede Reservoir

1982 – 2002

Position with Fishery Program: Fishery biologist (research and management) with the US Fish and Wildlife Service (FWS), Reno Field Office, Reno, Nevada

1982 – 1996: Deputy Field Supervisor

1997 – 2002: Special Assistant to the Field Supervisor

Duties:

1982 to 1997:

- 1) Administrative, budget, and planning responsibilities for the office
- 2) Lead for formulating and evaluating annual spawning flow regimes for cui-ui and Lahontan cutthroat trout (LCT) in the lower Truckee River
- 3) Coordinated achievement of the annual spawning flow regime with the operators of Stampede Reservoir (Federal Water Master and Bureau of Reclamation)
- 4) Co-author of the Cui-ui Population Response Model
- 5) Service representative on the Cui-ui Recovery Team (developed Cui-ui Recovery Plan)
- 6) Service representative on the federal team that developed and updated operating criteria and procedures (1986-1996) for diverting Truckee River water to the Newlands Project
- 7) Service representative on the team that negotiated the Truckee River Water Quality Settlement Agreement
- 8) Office representative on the FWS inter-office team and the inter-agency team for implementing PL 101-681

- 9) Service representative in negotiating the Interim Storage Agreement with Sierra Pacific Power Company so it could store privately owned water in Stampede Reservoir
- 10) Service technical representative on the federal team negotiating TROA
- 11) Service representative on the Federal/California team developing the TROA EIS/EIR

1997 – 2002

Full time Service representative on the TROA negotiating and TROA EIS/EIR teams

1978 – 1982

Position with Fishery Program: Fishery biologist (management) with FWS Alaska Area Office, Anchorage, Alaska

Duties: Deputy Program Supervisor for federal government fisheries activities in Alaska - duties were administrative, budgeting, and planning

1972 – 1978

Position with Oceanic Game Fish Investigations: Fishery biologist (research) with the National Marine Fisheries Service (NMFS), Southeast Fisheries Center, Miami, Florida

Duties: Coordinated a tag/recovery program to determine the migratory pattern of billfish - anglers voluntarily tagged and recovered tags from blue marlin, white marlin, and sailfish they caught in the Atlantic and Caribbean (several reports and two peer reviewed publications – available on request)

1968 – 1972

Position with Artificial Reef Program: Fishery biologist (research) with NMFS in Highlands, New Jersey and Beaufort, North Carolina

Duties: Evaluated different artificial reef designs and materials as fish habitat, and conducted a sport fishing survey to determine angler success (several reports and two peer reviewed publications – available on request)

1967 – 1968

Position: Part-time technician (management) with California Department of Fish and Game, San Diego, California

Duties: Conducted sport fishing surveys in San Diego County, California and maintained a computer database

1965 – 1966

Position: Lab technician for professor of genetics at San Diego State University, San Diego California

Duties: Processed (sorted, x-rayed, and maintained) fruit fly population used in genetic studies

SELECTED PUBLICATION RELATIVE TO THE TRUCKEE RIVER

Buchanan. 1986 and 1987. Management of Stampede Reservoir storage in 1986 [1987] for threatened and endangered fishes of Pyramid Lake. Unpubl. Report. Great Basin Complex, Reno, NV, 12 pp.

Buchanan and Coleman. 1987. The Cui-ui. Audubon Wildlife Report – 1987. The National Audubon Society.

Buchanan, Hoffman, and Strekal. 1985. Relation of instream flow to cui-ui and Lahontan cutthroat trout habitat in the lower Truckee River. Unpubl. Report, U.S. Fish and Wildlife Service, Reno, NV, 67 pp and appendix.

Buchanan and Strekal. 1988. Simulated water management and evaluation procedure for cui-ui. Unpubl. Report. U.S. Dept of the Interior, Fish and Wildlife Service and Bureau of Reclamation, Reno and Carson City, NV, 19 pp and appendices.

Cui-ui Recovery Team, Cui-ui Recovery Plan, Second Revision, U.S. Fish and Wildlife Service, Portland, OR, 1992.

Emlen, Strekal, and Buchanan. 1993. Probabilistic Projections for Recovery of the Endangered Cui-ui. North American Jour. Of Fishery Management.

U.S. Fish and Wildlife. 1983. Cui-ui Recovery Plan – Revision. Reno, NV.