

CURRICULUM VITAE

NAME: Robert J. Behnke

TITLE: Professor
Department of Fishery and Wildlife Biology
Colorado State University
Fort Collins, CO 80523

BORN: December 30, 1929, Stamford, Connecticut

MARITAL STATUS: Married, two children.

EDUCATION:

1957	B.A.	Zoology	Connecticut University
1960	M.A.	Zoology	University of California
1965	Ph D.	Zoology	University of California

Graduated Connecticut University with distinction and high honors. M.A. thesis on the trouts of the Great Basins; Ph.D. thesis on systematics of family Salmonidae. Fields for Ph.D. qualifying examination: general zoology, ecology, vertebrate zoology, entomology and vertebrate physiology.

EMPLOYMENT:

1947-1952	Yale and Towne Hardware Co.
1952-1954	U.S. Army
1956	Chesapeake Biological Laboratory, Solomons, Maryland, assistant to the late Dr. R. Mansueti; studies on fishes of Chesapeake Bay
1957-1964	University of California, Research Assistant, teaching assistant and research biologist
1965	American Academy of Science, Exchange scholar
1966	University of California, Assistant Professor of Zoology, teaching ichthyology course
1966-1974	U.S. Fish and Wildlife Service, Assistant Unit Leader, Colo. Coop. Fishery Unit and Research Biologist
1974-present	Colorado State University, part-time teaching, part-time private consulting and advising

W.E. Ricken Award 2000: Robert Behnke

I graduated from high school in 1947 with no real future ambitions except those driven by a love of fishes, fishing, and nature. An opportunity for higher education came in 1952 when I was drafted into the U.S. Army. From 1952 to 1954 I served in Japan and Korea where I developed an intense interest to learn more about Far Eastern fishes, especially the genus Salvelinus. I enrolled at the University of Connecticut in 1954, graduating with a B.S. degree with distinction in zoology (for a published paper on the freshwater fishes of Connecticut) in 1957. In 1955 I became a life member of the American Fisheries Society (\$75 paid in two annual installments of \$37.50). I began graduate education in 1957 at the University of California, Berkley; M.A. on western trout, 1960, and Ph.D. on family Salmonidae, 1965. During 1964-1965, I was an American Academy of Science exchange scholar. My wife and I spent 10 months in the old Soviet Union where I furthered my knowledge of salmonid fishes and of Russian fisheries. Associated with this, I served for many years as translation editor for Scripta Technica for English translations of Russian journals. From 1966 to 1974 I was Assistant

Leader of the Colorado Cooperative Fishery Unit at Colorado State University. From 1975 to 1999, I was half time special professor at C.S.U. teaching fisheries, aquatic biology and conservation courses. I developed and taught the first course in conservation biology at C.S.U. During this period I was involved with a variety of consulting and advising jobs and served on numerous panels and committees for state and federal agencies.

My career covers the period of the transition from the strictly anthropocentric, utilitarian based management of natural resources to a more ecocentric, holistic ecosystem form of management based on Aldo Leopold's land ethic. My work and publications over a 40 year period reflect this transition. My emphasis on recognizing the evolutionary reality and significance of intraspecific diversity, rather than formal classification as a basis for conservation, was greatly influenced by a manuscript on the hereditary and environmental factors affecting certain salmonid populations written by W.E. Ricker in 1959 (revised version published in 1972). I summarized my ideas and philosophy on the importance of intraspecific diversity in my 1992

publication, Native Trout of Western North America (AFS monograph 6).

Since 1983 I have written a regular column in Trout magazine (Trout Unlimited) with a conservation and educational orientation. I have contributed several book chapters reflecting similar conservation themes.

Awards:

Colorado-Wyoming Chapter award of excellence - 1979

Western Division American Fisheries Society award of excellence -
1993

Wild Trout III (Yellowstone Park 1984) - A. Starker Leopold award

CURRICULUM VITAE
KEY MEMBERS OF CONSULTANT'S TEAM

Name: Robert J. Behnke
Profession: Professor - Fishery Biology
Years with Firm: 27
Nationality: U.S.A.
Proposed Position on Team: Advisor

Key Qualifications:

Since 1974, in addition to academic responsibilities, Professor Behnke has been engaged as an advisor to law firms, environmental consulting firms, and industry in regards to federal regulations on endangered species, water quality, and aquatic biology. He has or is acting as scientific advisor to endangered species recovery teams, Glacier National Park, and Trout Unlimited.

Education:

1957 B.A. Zoology - University of Connecticut
1960 M.A. Zoology - University of California, Berkeley
1965 Ph.D. Zoology - University of California, Berkeley

Experience Record:

1966-1974 Asst. Leader, Acting Leader, Colo. Coop.
Fishery Unit and Assoc. Prof., Colorado State University
1974-Present Professor, Fishery biology and environmental
consultant.

Advisor to: Iran Dept. of Environment (1974); education of employees, fishery surveys, reservoir fisheries, control of vegetation with grass carp.

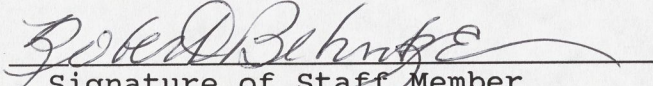
Since 1983: Colorado Water Conservation District, Northern Colorado Water Conservation District, GCC oil shale, Salt River Project (Arizona), Central Nebraska Public Power and Irrigation District, Idarado Mining Corp., McMillan-Bloedel Ltd. (Canada), re: Fisheries, aquatic biology and federal regulations.

Law firms: McCarty and Noone, Crowell and Moring, Hale and Dorr (Washington, D.C.), Sherman and Howard (Denver), Jennings, Strauss, and Salmon (Phoenix).

Editor for John Wiley & Sons for English translations of Russian fisheries-aquatic biology journals (Journal of ichthyology, Hydrobiology Jour.).

Languages:

Fair-good reading knowledge of Russian and German.


Signature of Staff Member

Date III: 11: 93

SPECIAL TRAINING AND EXPERIENCE:

- 1957-1959 Collected fish specimens in Canada, Alaska, and western United States.
 Summer 1960 Collected specimens, visited museums and fisheries institutions in Europe and USSR to gather material for Ph.D. thesis. Sponsored by Department of Zoology, University of California and Woodrow Wilson Foundation.
 1964-1965 10-month post-doctoral fellowship studying at the Ichthyological Laboratory of the Zoological Institute, Academy of Sciences, USSR, Leningrad.
 June-July 1967 Participated in first Smithsonian Institute for Systematics.
 1974 Conducted fishery survey and collections in Iran.

MEMBERSHIP IN HONORARY AND PROFESSIONAL SOCIETIES:

- Phi Beta Kappa
 Phi Kappa Phi
 American Society of Ichthyologists
 American Fisheries Society
 American Society of Systematic Zoologists
 Japanese Society of Ichthyology
 Non-game Advisory Council, Colorado Division of Wildlife
 Scientific Advisory Board, Trout Unlimited
 Scientific Advisory Council, Glacier National Park
 Technical Advisor for two endangered species recovery teams
 First 'Award of Excellence' by the Colorado-Wyoming Chapter American Fisheries Society, 1979.
 First A. Starker Leopold Award, Wild Trout Symposium III, Yellowstone National Park, 1984.
 'Award of Excellence' by the Western Division of the American Fisheries Society, 1993.

SPECIAL EXPERTISE:

Surveys, inventories and identification of fishes. Rare, endangered and threatened fishes. Distribution and speciation of fishes. Environmental factors influencing fish distribution particularly in relation to man-induced environmental changes. Application of intraspecific genetic diversity for fisheries management. Systematics of family Salmonidae.

PRIVATE ACTIVITIES:

Served as fisheries advisor to Iranian government, 1974-1975; fishery studies on the freshwater fishes of Iran and Saudi Arabia; several fishery projects for U.S. Forest Service, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Wyoming Department of Game and Fish, New Mexico Department of Game and Fish and Colorado Division of Wildlife; fishery related services for the American Sportsman's Club, the law firm of Weissbrodt and Weissbrodt, Thorne Ecological Foundation, Colorado River Water Conservation District, McMillan-Bloedel Ltd., U.S. Justice Department, Ecology Consultants Inc., Woodward-Clyde and other private firms and public agencies; Senior Translations Editor for Scripta Technica for Russian fisheries translations; appeared as an expert witness in court in U.S. and Canada.

PUBLICATIONS - R. J. Behnke:

- 1956 Effects of freshwater on estuarine fishes of Chesapeake Bay. Md. Tidewater News, 13(2): 2-4.
- 1959 A note on Oncorhynchus formosanus and Oncorhynchus masou. Jap. Jour. Ichthyology, 7(5,6):151-152.
- 1960 A preliminary list of the fishes found in the freshwaters of Connecticut. Copeia, 1960, 2:141-143 (with R. M. Wetzel).
- 1961 Salmo evermanni a synonym of Salmo clarki henshawi. Calif. Fish and Game, 47, 3 (with S. Benson).
- 1961 European journey of fishery biologists. Copeia, (3):365-368 (with P.R. Neeham).
- 1962 Book review: "Lake Ohrid and its living world." Copeia, 2:478-479.
- 1962 Book review: "A review of the Japanese char." Copeia, 3:674-675.
- 1962 The origin of hatchery rainbows. Progr. Fish Cult., 24(4):156-158 (with P.R. Neeham).
- 1962 The status of the landlocked salmonid fishes of Formosa with a review of Oncorhynchus masou (Brevoort). Copeia, 2:400-407 (with T.P. Koh and P.R. Neeham).
- 1965 The effect of nematode (Philonema) and cestode (Diphyllbothrium) parasites in rainbow trout of Tebay Lake, Alaska. Trans. Am. Fish Soc., 94(2):184-186. (with P. R. Neeham)
- 1966 The relationships of the Far Eastern Trout, Salmo mykiss. Copeia, (2):346-358.
- 1966 Additions to the known native fish fauna of Nevada. Copeia (1):134-136.
- 1966 Report on exchange visit to the Soviet Union. Copeia, (3):620-630.

- 1968 A new subgenus and species of trout, Salmo (Platysalmo) platycephalus, from southcentral Turkey, with comments on the classification of the subfamily Salmoninae. Mitt Hamburg. Zool.
- 1968 Rare and endangered species: the native trouts of North America. Proc. West. Assn. State Game and Fish Commissioners, 48:530-533.
- 1969 The Lake Ohrid trout, Salmo letnica, and its potential as a new North American sport fish. Ibid., 49:207-208.
- 1970 The application of cytogenetic and biochemical systematics to phylogenetic problems in the family Salmonidae. Trans. Am. Fish. Soc., 99(1):237-248.
- 1971 Trouts of the upper Kern River basin, California, with reference to systematics and evolution of western North American Salmo. Jour. Fish Res. Bd. Canada, 28(7):987-998 (with C.B. Schreck, sr. author).
- 1972 The salmonid fishes of recently glaciated lakes. Jour. Fish. Res. Bd. Canada, 29(6):639-671.
- 1972 Taximetric analysis of selected groups of western North American Salmo with respect to phylogenetic divergences. Systm. Zool., 21(3):292-307 (with P. Legendre and C.B. Schreck, sr. authors).
- 1972 The rationale of preserving genetic diversity. Proc. West. Assn. St. Game and Fish.
- 1972 Rare and endangered trouts of the Southwest. Symposium on rare and endangered wildlife of the Southwest. Pub. by New Mexico Dept. Game and Fish.
- 1973 Systematic problems of salmonid fishes endemic to the Mediterranean-Adriatic Province. Fish Int. Cong. Ichthoysl., Sarajevo, Yugoslavia.
- 1973 A series of 24 reports on endangered and threatened fishes of the 1974 Southwest (approx. 200 p.) written for U.S. Fish and Wildlife Service, Albuquerque.
- 1974 Management implications of ecological segregation between two introduced populations of cutthroat trout in small Colorado lake. Trans. Amer. Fish Soc., 103(3):423-430 (with J.B. Trojnar, sr. author).
- 1974 Salmoniformes. A major article in the fifteenth edition of the Encyclopedia Britannica.
- 1974 An expression of unequal twinning in an adult rainbow trout. Copeia, (4):775-777 (with T.M. Kloppel).
- 1976 Biology and management of threatened western trout. USDA For. Ser., Rocky Mtn. For., Range Exp. Sta., Gen. Tech. Rep. 44p. (with M. Zarn).
- 1977 Fish faunal changes associated with land-use and water development. Great Plains-Rocky Mountain Geographical Jour., 6(2):133-136.

- 1978 Use of native trout in special regulation fisheries. Pages 45-47 in Symposium on wild trout management. San Jose, Calif.
- 1978 Grazing and the riparian zone: impact on aquatic values. Pages 126-132 in W. D. Graul and W. J. Bissell (Tech. Coord.). Lowland river and stream habitat in Colorado symposium.
- 1979 Value and protection of riparian ecosystems. Pages 164-167 in G. A. Swanson (Tech. Coord.). The Mitigation Symposium. USDA For. Ser. GTR-RM-65.
- 1979 Grazing the riparian zone: impact and management perspectives. Pages 263-267 in R. R. Johnson and J. F. McCormick (Tech. Coord.). Strategies for protection and management of floodplain wetlands and other riparian ecosystems, Proc. Symposium. USDA For. Ser. GTR-WO-12. (with R.F. Raleigh).
- 1979 Monograph of the native trouts of the genus Salmo of western North America. 216 p. Written under contract for U.S. Fish and Wildlife Service.
- 1979 Discovery of the original Pyramid Lake cutthroat trout. Prog. Fish Cult., 41(3):135-137 (with T.J. Hickman, sr. author).
- 1979 Livestock grazing impacts on stream fisheries. Problems and suggested solutions. In: Symposium on the interactions of livestock grazing and fish and wildlife. Sparks, Nev.
- 1980 Problems of coexistence between energy development and the native fish fauna of the upper Colorado River basin with a special reference to endangered and threatened species. Pages 204-216 in W. O. Spofford, A. L. Parker and A. V. Kneese (eds.). Energy development in the Southwest. Resources for the Future, Res. Pap. R-18, Vol. 2.
- 1980 Trout stream and the riparian zone. Proc. Ann. Conf. West. Asc. Fish Wildlf. Agencies 60:348-349.
- 1980 A systematic review of the genus Salvelinus. Pages 441-480 in E.K. Balon (ed.). Charrs, salmonids fishes of the genus Salvelinus. W. Junk, The Hague, Netherlands.
- 1980 Endangered and threatened fishes of the upper Colorado river basin. Colo. St. Univ. Coop. Ext. Ser. Bull. 503A:34 p. (with D.E. Benson).
- 1980 Special regulations: historical perspective. Proc. 15th Ann. Meet. Colo.-Wyo. Chap. Am. Fish. Soc.: 58-63.
- 1981 Systematic and zoogeographic interpretation of Great Basin trouts. Pages 95-124 in D.L. Soltz and R.J. Naiman (eds.). Fishes of North American deserts. John Wiley Publ.
- 1981 Hybrid fishes. World record fishes (1981 edition). Int. Game Fish Assn:39-49.
- 1981 Comments of Discussion Leader, Research Panel. Pages 8-9 in W. King (eds.). Proc. Wild Trout II, Trout Unlimit., Fed. Fly Fishermen.

- 1981 Revision and rewriting of 1979 Monograph of the native trouts of western North America. Submitted to U.S. Fish Wildl. Serv. (434 typed pages).
- 1982 Realities and illusions of endangered species preservation. Pages 93-94 *in* W. H. Miller, H. M. Tyus, and C. A. Carlson (eds.). Fishes of the upper Colorado River system. West. Div. Am. Fish Soc.
- 1982 Wild trout sport fisheries and hatchery programs for the future. Pages 31-34 *in* K. Hashagen (eds.). The role of hatcheries in the management of wild salmonids, proceedings of a symposium. Calif. Trout, San Francisco.
- 1982 Enigma of the yellowfin trout. Proc. 17th Ann. meet. Colo.-Wyo. Chap. Am. Fish Soc.:8-15.
- 1983 Revision and updating of: "Endangered and threatened fishes of the upper Colorado River basin". Colo. St. Univ. Coop. Ext. Serv. Bull. 503A.
- 1983 *Acanthobrama hadiyahensis*, a new species of cyprinid fish from Saudi Arabia. Nat. Mus. Canada Publ. Nat. Sci. 2:1-6 (with B.W. Coad and H.F. Al Kahem).
- 1983 - present. A series of four articles per year on various salmonid fishes written for Trout Magazine. Through 1986, a total of 16 articles on different salmonid species, subspecies, and forms have been completed.
- 1984 Organizing the diversity of the Arctic charr complex. Pages 3-21. *In* L. Johnson (eds.). Biology of the Arctic charr, Proc. Int. Symp. Arctic Charr, Winnipeg, Can.
- 1984 Freshwater fishes of Saudi Arabia Fauna Saudi Arabia 5:545-567 (with H. F. Al Kahem).
- 1984 Salmonidae: development and relationships. Pages 142-149. *In* H.G. Moser (ed.). Ontogeny and systematics of fishes. Am. Soc. Ichthyol., Herpet. Spec. Pub. no. 1 (with A.R. Kendall).
- 1984 Potential of Arctic char, *Salvelinus alpinus*, in Rocky Mountain lakes. Proc. 19th Ann. Meet. Colo.-Wyo. Chapt. Am. Fish. Soc.
- 1984 Salmonidae. *In* Checklist of freshwater fishes of Africa, vol. 1. Rech. Sci. Techn. Outre-Mer., Terruren, Belgium.
- 1985 Two new intergeneric cyprinid hybrids from the Bonneville basin, Utah. Copeia (2)509-515. (with D.L. Miller).
- 1985 A morphological and electrophoretic comparison of rainbow trout (*Salmo gairdneri*) above and below barriers on five streams on Vancouver Island, B.C. Brit. Col. Minist. Environ. Fish. Mgt. Rep. 83:15 p (with W. Pollard and W. Parkinson).
- 1986 Introduced fishes in the San Luis Valley, Colorado. Pages 435-453. *In*: R.H. Stroud (ed.). Fish culture and fisheries management. Am. Fish. Soc. Bethesda, MD (with L. Zuckerman).

- 1987 The illusion of technique and fisheries management. Proc. 22nd Ann. Meet. Colo.-Wyo. Chapt. Am. Fish. Soc:48-51.
- 1987 The Paiute trout. Audubon Wildlife Report 1987:539-545.
- 1987 Genetic identification of cutthroat trout, Salmo clarki, in Glacier National Park. Can. J. Fish. Aquat. Sci. 44(11):1830-1839 (with L.F. Marnell and F.A. Allendorf).
- 1988 Phylogeny and classification of cutthroat trout. Am. Fish. Soc. Symp. 4:1-7.
- 1988 Identification of intraspecific diversity in cutthroat trout: for what purpose? Proc. Ann. Conf. West. Asc. Fish Wildlife Agencies. 68.
- 1988 The illusion of technique and mischief in fisheries management. Proc. 23rd Ann. Meet. Colo.-Wyo. Chapt. Am. Fish. Soc.
- 1988 Catch-and-release: the last word. Pages 291-299 in Proc. Catch-and-Release Symp., Humboldt St. Univ., Arcata, CA.
- 1988 Book review: Fishes of the Great Basin: A natural history. Trans. Am. Fish. Soc. 117(6):604-606.
- 1989 Interpreting the phylogeny of Salvelinus, Physiol. and Ecol. Japan, Special vol. 1:35-48.
- 1989 Summary of progress in wild trout management. Pages 12-17 in Proc. Wild. Trout IV Symp.
- 1989 Behnke, R.J. and D. Johnson. 1989. Role of catchable trout in a state's fishery program: how much is enough? Proc. 24th Ann. Meet. Colo.-Wyo. Chapt. Am. Fish. Soc. 92-99
- 1990 Behnke, R.J. and W.J. Platts. 1990. The occurrence and paleolimnologic significance of cutthroat trout (Onconhynchus clarki) in pluvial lakes of the Estancia Valley, central New Mexico: Discussion and reply. Geol. Soc. Am. Bull. 102:1731-1732.
- 1990 Al Kahem, H.F., R.J. Behnke, and Z. Ahmad. 1990. Some osteological distinction among four Arabian cyprinid species. Jap. Jour. Ichthyol. 36(4):477-482.
- 1990 Livingston Stone, J.B. Campbell and the origins of hatchery rainbow trout. Am. Fly Fisher 16(1):20-22.
- 1991 Depth and breadth characteristics of good fisheries managers. Proc. Ann. Conf. West. Asc. Fish Wildlife Agencies 70.
- 1991 Reproductive success of hatchery and wild steelhead. Coauthored with D.C. Campton, F.W. Allendorf, and F.M. Utter. Trans. Am. Fish. Soc. 120:816-822.
- 1992 Native trout of western North America. Am. Fish. Soc. Managr. 6:275 p.

- 1993 Conservation of North American freshwater fishes. In Proceedings of the International Symposium on the Conservation of Endangered Animals, Taipei, Taiwan, April 26-27, 1993.
- 1993 Put and take fisheries. Pages 35-37 In Proceedings of Symposium, "Going Wild." Denver, CO, Trout Unlimited.
- 1993 Status of biodiversity of taxa and nontaxa of salmonid fishes: contemporary problems of classification and conservation. Pages 43-48 in Genetic Conservation of Salmonid Fishes. NATO Ser. A: Life Sci. vol. 248. Plenum Press.
- 1994 Writing for laymen. Fisheries 19(9):17.
- 1995 Johnson, D. M., R. J. Behnke, D. A. Harpman, and R. G. Walsh. 1995. Economic benefits and costs of stocking catchable rainbow trout: A synthesis of economic analysis in Colorado. N. Am. Jour. Fish. Mgt. 15(1):26-32.
- 1995 The Ramsbottom family - fish culturists. The Am. Fly Fisher 21(1):21-22.
- 1996 Morphology and systematics overview. Evolution and the aquatic ecosystem, defining unique units in population conservation. Am. Fish. Soc. Symp. 17:41-43.
- 1996 Fish culture and non-indigenous organisms. Pages 15-20 In Proceedings of symposium on non-indigenous species in western aquatic ecosystems. Portland St. Univ. March 27-29, 1996.
- 1996 The case of the disappearing drink. The American Fly Fisher 22(2):20-21.
- 1997 Evolution, systematics, and structure of Oncorhynchus clarki clarki. Pages 1-4 in. Sea-run cutthroat trout: Biology, management, and future conservation. Oregon chapter Am. Fish. Soc.
- 1997 Submitted. What is a redband trout. For publication of Oregon AFS Chapter on inland rainbow trout.
- 1997 Submitted. Why aren't there more Atlantic salmon? Prepared for workshop, Braemar, Scotland, March 1997. To be coauthored for publication in Can. Jour. Fish. Aquat. Sci.

OTHER WORKS:

- 1959 Fishes of the Mianus River. In: The flora and fauna of the Mianus Gorge; mimeographed by the Mianus Gorge Conservation Committee.
- 1960 Taxonomy of the cutthroat trout of the Great Basin. M.S. Thesis, 98 pp.; Dept. of Zoology, Univ. Calif., Berkeley.
- 1961 Laboratory Manual for (Fishery Management) course.

- 1965 A systematic study of the family Salmonidae with species reference to the genus Salmo. Ph.D. thesis, 272 pp. Dept. of Zoology, Univ. of Calif., Berkeley.
- 1966 - Several mimeographed reports dealing with trout based on particular segments of present my studies, designed to answer or pose specific questions. Distributed to interested state, federal and university personnel.
- 1971 Laboratory manual for ichthyology course.
- 1974 - Several consulting reports re. environmental assessments, threatened, endangered present and rare species status and probable future impacts for permit applications, Environmental Impact Statement preparation, multiple use land management decisions and potential or actual court cases. Also sport fish management reports for corporation and private clubs.
- 1982-83 Fishes and endangered species section of Northwest Colorado Wildlife Consortium report (phase I) on potential impacts form energy development in NW Colorado.

Robert J. Behnke - Dr. Behnke has been an active and professional biologist for over 20 years. As a consultant to the U.S. Fish and Wildlife Service in 1979-82, he has critiqued Habitat Evaluation Procedure models for several trout species, advised on the development of a habitat monitoring handbook, and written a monograph on western trout species that includes a chapter on the quantification of habitat. He also acts as a scientific advisor to Trout, Unlimited.

Dr. Behnke is a recognized authority on the threatened and endangered fish species of the Upper Colorado River Basin. He is a technical advisor to the Colorado River Fishes Recovery Team. From 1976 to the present he has been a consultant to the Colorado River Water Conservancy District on the prediction and assessment of changes in endangered fish species habitat from proposed changes in flow regimes due to dams. He was a consultant in 1980-81 to the Northern Colorado Water Conservancy District on impacts to endangered fish species from flow depletions associated with the Windy Gap Project. He is the Endangered Species Advisor to the GCC (Getty, Chevron, and Cities Service) Corporation's Oil Shale Project.

Dr. Behnke has been a consultant and/or expert witness to McMillan-Bloedel Ltd. of Canada, concerning trout habitat assessment and technology (1980-82), to the U.S. Department of Justice on defense of the U.S. Fish and Wildlife Service's IFG model for trout habitat related to flow requests for the Red River, New Mexico (1980), and for determination of trout abundance in the court case of American Sportsmen's Club vs. the State of Nevada.

Some recent publications by Dr. Behnke that are especially pertinent to the Ruedi Reservoir Project are listed below.

- Behnke, R. J. 1982 (in press). "Wild trout fisheries and hatchery programs for the future." In Proceedings of the American Fishery Society Symposium, Reno, Nevada, January 1982.
- Behnke, R. J., and D. E. Benson. 1980. Endangered and threatened fishes of the Upper Colorado River Basin. Colorado State University Cooperative Extension Service Bulletin 503A. Fort Collins, Colorado.
- Behnke, R. J. 1979. Monograph of the native trouts of the genus Salmo of western North America. Written under contract for U.S. Fish and Wildlife Service.
- Behnke, R. J. 1979. "Values and protection of riparian ecosystems." In Swanson, G. A. (tech. coord.), The Mitigation Symposium, pp. 164-167. General Technical Report RM-65. U.S.D.A. Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.
- Behnke, R. J., and M. Zarn. 1976. Biology and management of threatened and endangered western trout. General Technical Report RM-28. U.S.D.A. Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.

ROBERT J. BEHNKE

Department of Fishery and Wildlife Biology

Colorado State University

Fort Collins, CO 80523

For 30 years, I have taught and have been involved in research in fisheries, especially on salmonid fishes. I saw a need to reach a larger audience, at various levels of society, in regards to conservation issues.

Failure to effectively communicate beyond the confines of our peer groups in the fields of natural resources and environmental sciences was strikingly demonstrated by the results of the November, 1994 Congressional elections.

Since 1983, I have written a column in Trout magazine (Trout Unlimited) emphasizing various issues of fish conservation. I also contribute timely information on contemporary conservation issues, such as reauthorization, of the Endangered Species Act, to our University's Public Relations Department for dissemination to the news media.

Interpreting the phylogeny of Salvelinus, ~~Physalops~~
and Ecol. Japan, Special vol. 1: 35-48.

Summary of progress in wild trout management,
12-17 in Proc. Wild Trout IV Symp.

~~1989~~. Behnke, R.J. and D. Johnson. 1989. Role of
catchable trout in 2 states' fishery programs; how
~~How~~ much is enough? Proc. 24th Ann. Meet.
CO-WY Chapt. Am. Fish. Soc.: 92-99.

Behnke, R.J. and W.J. Platts. 1990. The occurrence
and paleolimnologic significance of cutthroat trout
(Oncorhynchus clarki) in pluvial lakes of the
Estancia Valley, central New Mexico: Discussion
and reply. Geol. Soc. Am. Bull. 102: 1731-32.

Alkalem, H. F., R.J. Behnke, and Z. Ahmad. 1990.
Some osteological distinctions among four
Arabian cyprinid species. Jap. Jour. Ichthyol.
36(4): 477-482.

1990. Livingston Stone, J.B. Campbell and
the origins of hatchery rainbow trout. Am. Fly
Fisher 16(1): 20-22.

1991. Depth and breadth characteristics of
good fisheries managers. Proc. Ann. Conf.
West. Asoc. Fish Wildlife Agencies 70.

1992. Native trout of western North
America. Am. Fish. Soc. Monogr. 6: 275p.

1992 (in press). Status of biodiversity of
taxa and nontaxa of salmonid fishes: contemporary
problems of classification and conservation. Proc.
NATO Conf., Conservation genetics of salmonid
fishes, Moscow, ID - Pullman, WA.

Peace, Lind, Athabasca

Dates - p. 43-44-45 - Røsgen - 146. Stream cont.

P. 4 "only" >

P. 7 "a" or state s sequence's

-8:

to. more sensitive. useful trace dispersal to ^{glac}refugia

Grad student

Schreck & Behnke 71

Trujnar & Behnke 74

A1 - Kalen & Behnke

89 - Behnke & Johnson. 1989. - Role catchable trout in
state fishery program: how much is enough? Proc.
24th Ann. Meet. Can. Wildl. Chapt. A. 7. 5. 92-99.

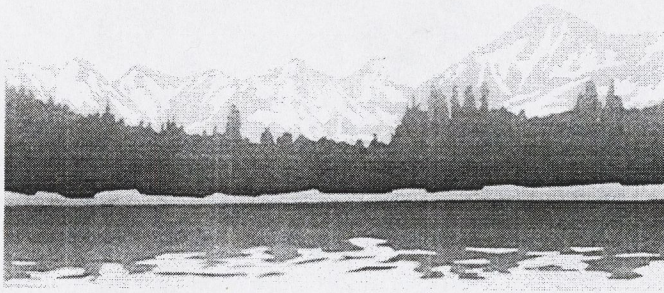
- Ann ^{7.11} Mrs Bell Li Stone - 1990 - Living,

Livingston Stone, J.B. Campbell and the
origins of hatchery r/b mt. Am. Fly Fisher 16(1):

2022

92 - Money

- NATO



Colorado State University

Department of Fishery and
Wildlife Biology
Fort Collins, Colorado 80523-1474
(970) 491-5020; Fax (970) 491-5091
<http://www.cnr.colostate.edu/FWB/>

e-mail: _____@_____colostate.edu

FAX TRANSMITTAL

DATE: Oct. 19

TIME: 12:15

TO: Rane Jazayerli

FAX: (202) 778-5417 PHONE: _____

FROM: R. Behnke

MESSAGE: Enclosed are first four pages
of academic resume. Six pages of
citations will be sent with other
items.

NUMBER OF PAGES INCLUDING COVER SHEET: _____