

# NMCFWRU Technical Publications (By Year)

## 1997-98

Boykin, K. G., P. L. Matusik, D. Houde-Nethers, and B. C. Thompson. 1997. Biotic and physical attributes of surface and near-surface water sites on Fort Bliss Military Reservation: inventory and comparative assessment. Research Completion Report to Fort Bliss Directorate of Environment, Research Work Order No. 28, New Mexico Cooperative Fish and Wildlife Research Unit, Las Cruces. 88pp.

Caldwell, C. A., and C. M. Canavan. 1998. Spatial and temporal distribution of mercury in Caballo and Elephant Butte reservoirs, Sierra Country, New Mexico. Technical Completion Report No. 306. New Mexico Water Resources Research Institute. Project No. 01345672. 48pp.

Gould, W. R., and S. A. Lewis. An analysis and evaluation of migrant raptor counts in North America: a power assessment. Research Completion Report to U. S. Geological Survey, Biological Resources Division, Research Work Order No. 25, New Mexico Cooperative Fish and Wildlife Research Unit, Las Cruces, New Mexico.

McClenahan, S., and P. J. Zwank. 1997. Cooperative agreement for nesting and wintering eagle monitoring at Caballo Reservoir, New Mexico. Final report to Bureau of Reclamation, Cooperative Agreement 1425-97-FC-40-20650. New Mexico Cooperative Fish and Wildlife Research Unit, Las Cruces. 18pp.

Thomas, K. A., P. J. Crist, and B. C. Thompson. 1997. The Four-Corners Project: Assessing the contribution of protected areas with ecoregional gap analysis. Pages 415-419 in D. Harmon, editor. Making Protection Work:: Proceedings of the 9<sup>th</sup> Conference on Research and Resource Management in Parks and on Public Lands, The George Wright Society, Hancock, Michigan.

U. S. Bureau of Reclamation (C. A. Caldwell). 1998. Summary report: San Juan River winter flow test, November 4, 1996-March 2, 1997. Navajo Unit, Colorado and New Mexico Colorado river Storage Project. Upper Colorado Region. Chapter 4: Trout Fisheries.

## 1996-97

Caldwell, C. A. and M. A. Arnold. 1996. Bioaccumulation and distribution of mercury in the double-crested cormorant (*Phalacrocorax auritus*) from Elephant Butte and Caballo reservoirs, New Mexico. Research Completion Report, U. S. Bureau of Reclamation, El Paso, Texas. 24p

Crist, P., J. Prior-Magee, and B. C. Thompson. 1996. Land management status categorization in gap analysis: a potential enhancement. U. S. Dep. Interior, Nat. Biol. Serv., Gap Analysis Bull. No. 5:20-22.

Nicholopoulos, J. E., and P. J. Zwank. 1996. Ecology of wintering and nesting bald eagles at Caballo Reservoir, New Mexico. Final Rep., Coop. Agreement No. 3-FC-40-23790. New Mexico Coop. Fish and Wildl. Res. Unit, New Mexico State Univ., Las Cruces. 35pp.

Thompson, B. C., P. J. Crist, J. S. Prior-Magee, R. A. Deitner, D. L. Garber, and M. A. Hughes. 1996. Gap analysis of biological diversity conservation in New Mexico using geographic information systems. Research Completion Report to U. S. Geol. Surv.-Biol. Resour. Div., Resesearch Work Order No. 13, New Mexico Coop. Fish and Wildlife Res. Unit, Las Cruces, NM.

### **1995-96**

Munson-McGee, M. L., and B. C. Thompson. 1995. Resource management: a challenging profession in a changing world. *Wildl. Soc. Bull.* 23:564-567.

Thompson, B. C. 1995. Overcoming gaps in implementing policy. *Wildl. Soc. Bull.* 23:317-318.

Thompson, B. C. 1995. A view on changes and challenges in the wildlife profession. *Wildl. Soc. Bull.* 23:533.

Boykin, K. G., P. L. Matusik, and B. C. Thompson. 1996. Comparative biotic and physical attributes of natural water sites on White Sands Missile Range. Research Completion Report to U. S. Army White Sands Missile Range, Research Work Order 15, New Mexico Coop. Fish and Wildlife Res. Unit, Las Cruces, NM.

Caldwell, C. A. and C. M. Canavan. 1996. Environmental factors influencing mercury concentrations in water and sediments in Caballo Reservoir, Sierra Country, New Mexico. Research Completion Report. New Mexico Water Resources Research Institute. 35pp.

Holderman, D. A., V. W. Howard, R. Valdez, and B. C. Thompson. 1996. Feral horse relationships to vegetation communities and wildlife habitat in the Tularosa Basin, New Mexico. Research Completion Report to U. S. Army White Sands Missile Range, Research Work Order 16, New Mexico Coop. Fish and Wildlife Res. Unit, Las Cruces, NM.

### **1993-94**

Leal, D. A., R. A. Meyer, and B. C. Thompson. 1994. Bird community composition and habitat importance in the Middle Rio Granded System of New Mexico with emphasis on neotropical migrant birds. Res. Completion Rep. (review draft) to U. S. Fish and Wildl. Serv. Reg. 2, Div. Wildl. And Habitat Manage. Res. Work Order 11, New Mexico Coop. Fish and Wildl. Res. Unit, Las Cruces. 88p. +7app.

Najera, S. R., and P. J. Zwank. 1994. Meadow jumping mice habitat affinities and capture success in two trap types at Bosque del Apache National Wildlife Refuge. Final Rep., U. S. Fish and Wildl. Res. Unit, New Mexico State Univ., Las Cruces. 86pp.

Thompson, B. C., P. J. Christ, J. Prior-Magee, D. Garber, A. Peters, and M. Eve. 1994. The New Mexico gap analysis project-progress report. National Biological Survey. Res. Work Order 13, New Mexico Coop. Fish and Wildl. Res. Unit, Las Cruces. 19pp.

### **1992-93**

Burkett, D. W. and B. C. Thompson. 1993. Inventory and evaluation of wildlife water units at White Sands Missile Range. Final Rep. U. S. Army Reimbursable Agreement No. 14-16-0009-91-1869 and U. S. Fish and Wild. Serv. Coop. Agreement No. 14-16-0009-1572. New Mexico Coop. Fish and Wild. Res. Unit, New Mexico State Univ., Las Cruces. 108pp.

Knadle, G. E. and B. C. Thompson. 1993. Movements and mortality assessment of desertbighorn sheep translocated to the Ladrone Mountains, New Mexico. Final Rep. New Mexico Dep. Game and Fish, Prof. Serv. Contract No. 93-516-28, Fed. Aid in Wild. Restor. Proj. W127R-9, Job 7. New Mexico Coop. Fish and Wild. Res. Unit, New Mexico State Univ., Las Cruces. 72pp.

Tarrant, B. L., P. J. Zwank, and R. Valdez. 1992. Distribution, abundance and foraging ecology of bald eagles wintering on Caballo Reservoir. Final Rep. Bur. Rec. Coop. Agreement No. 2-FC-40-11790. New Mexico Coop. Fish and Wildl. Res. Unit, New Mexico State Univ., Las Cruces. 73pp.

Thompson, B. C., D. F. Miller, T. A. Doumitt, and T. R. Jacobson. 1993. Ecologically-based management evaluation for sustainable harvest and use of New Mexico furbearer resources. Final Rep. New Mexico Dep. Game and Fish Joint Powers Agreement No. 516.04 and New Mexico Fed. Aid Proj. W-129-R, Job 1. New Mexico Coop. Fish & Wild. Res. Unit, New Mexico State Univ., Las Cruces. 268pp.

Zwank, P. J., and D. A. Dewhurst. 1992. Dispersal of penreared Mississippi sandhill cranes. Pages 263-270 in D. A. Wood (ed.) Proc. 1998 Am. Crane Workshop. Florida Game and Freshwater Fish Comm. Nongame Wildl. Prog. Tech. Rep. No. 17.