

**CLAYTON E. DERBY, Senior Manager / Project Manager****EDUCATION**

M.S.	University of Wyoming, Laramie, Wyoming	1995	Zoology
B.S.	Moorhead State University, Moorhead, Minnesota	1992	Biology

**PROFESSIONAL EXPERIENCE**

1994-Present	<i>Senior Manager/Project Manager, Western EcoSystems Technology, Inc., Bismarck, North Dakota</i>		
1994	<i>Wetland Ecology Teaching Assistant, University of Wyoming, Laramie, Wyoming</i>		
1994	<i>General Biology Teaching Assistant, University of Wyoming, Laramie, Wyoming</i>		
1992-1995	<i>Graduate Research Assistantship, University of Wyoming, Laramie, Wyoming</i>		
1992	<i>Environmental Technician, Falkirk Mining Company, Underwood, North Dakota</i>		
1988-1992	<i>Research Assistant, North Dakota State University, Fargo, North Dakota</i>		

**SPECIALTY AREAS**

**Project Management:** Clayton Derby has been the Project Manager for wind energy development projects throughout the west and Midwest, several large and involved multi-state natural gas pipeline development projects in the western U.S., and numerous other projects throughout the west and Midwest. As Project Manager, Mr. Derby has insured that the federal and state listed species, wildlife, wetland, vegetation, surveys and reviews are completed on time, in budget, and to the resource agencies and client's high demands. As part of managing several wind projects from Oklahoma to North Dakota, Mr. Derby has worked with resource agencies and development personnel in addressing the biological and regulatory needs of whooping cranes and other state and federally listed species.

**Cooperative Agreements and Consensus Building:** Clayton Derby was the Assistant Executive Director to the Platte River Endangered Species Partnership. Mr. Derby has experience facilitating meetings, consensus building and coordinating with representatives from the States of Nebraska, Wyoming, Colorado, Department of the Interior, water users, and environmental organizations. This work involved working with and building consensus among a very diverse group of stakeholders and interested parties. Mr. Derby provided several presentations on whooping crane habitat use at international meetings and prepared habitat management methods documents and monitoring protocols for whooping crane and other threatened and endangered species. Also, Mr. Derby has experience in writing request for proposals (RFPS) and proposals; monitoring and research protocols, habitat management plans, and tracking and drafting budgets.

**Wildlife Studies:** Clayton Derby has conducted numerous wildlife studies, including general wildlife observations and census studies for natural gas pipelines, wind energy developments, highway corridor projects and reclaimed coal mine land; conducting breeding bird counts of song birds, waterfowl, upland birds, and raptors; nest dragging and nest monitoring of waterfowl; small mammal identification surveys and trapping; sage grouse lek counts; aerial surveys for big game; aerial surveys for raptor nests; black-footed ferret searches; aquatic macroinvertebrate and habitat bioassessments; and wetland delineations.

**Fisheries and Piscivorous Bird Research:** Mr. Derby has extensive field research experience investigating food habitats of cormorants and pelicans. Experience in fish habitat investigations, macroinvertebrate sampling, water quality investigations and fish kill investigations.

**Soils and Hydrology Field Work:** Experience with field research in plant, water, and soil sampling of research plots, private fields, and drainage lysimeters to monitor nitrogen movement under irrigated corn; laboratory experience in the analysis of various plant, water, and soil samples for nitrogen and phosphorus content determination; wetland delineations.

**ADDITIONAL TRAINING**

1996	ASTM Phase I Environmental Site Assessment Training, Denver, Colorado		
1998	Black-Footed Ferret Survey Techniques, USFWS, Laramie, Wyoming		
2000	Field identification for Colorado butterfly plant and Ute ladies tresses, Wyoming Natural Diversity Database, Laramie, Wyoming		

**SELECTED PUBLICATIONS AND PRESENTATIONS**

- Derby, C.E., S. Howlin, and D. Strickland.** 2008. Whooping Crane Migrational Habitat Use during the Cooperative Agreement Period, 2001-2006 Central Platte River, NE. Presentation for the 11<sup>th</sup> North American Crane Workgroup Proceedings.
- Derby, C.E., S. Howlin, and D. Strickland.** 2004. Platte River Cooperative Agreement and Proposed Program: Whooping Crane monitoring and habitat use along the central Platte River, Nebraska, during migration 2001 and 2002. Presentation and Abstract for the Ninth North American Crane Workgroup Proceedings.
- Derby, C.** 2006. Platte River Recovery Implementation Program - Discussions and Decisions Regarding Forest Management. Invited testimony to the National Academy of Science.

- Derby, C.** and D. Strickland. 2002. The Cooperative Agreement and proposed Program: efforts to protect, restore, and manage habitat for least terns, piping plovers, and whooping cranes. Abstract in Eighth North American Crane Workgroup Proceedings.
- Derby, C.E.** 2001. The Cooperative Agreement Monitoring and Research. Presented at the 11<sup>th</sup> Platte River Symposium, Kearney, Nebraska.
- Derby, C.E.** and D. Strickland. 2001. The Cooperative Agreement Extension Period. Presented at the 11<sup>th</sup> Platte River Symposium, Kearney, Nebraska.
- Derby, C.E.** and D. Strickland. 2000. The Cooperative Agreement and proposed Program: efforts to protect, restore, and manage habitat for least terns, piping plovers, and whooping cranes. Presented at Eighth North American Crane Workshop, Albuquerque, New Mexico.
- Lovvorn, J.R., D. Yule, and **C.E. Derby**. 1999. Greater predation by double-crested cormorants on cutthroat versus rainbow trout fingerlings stocked in a Wyoming river. *Canadian Journal of Zoology* 77:1984-1990.
- Johnson, G.D., M.D. Strickland, J.P. Buyok, D.P. Young, Jr., and **C.E. Derby**. 1999. Quantifying impacts to riparian wetlands associated with reduced flows along the Greybull River, Wyoming. *Wetlands* 19:71-77.
- Derby, C.E.** 1999. The Cooperative Agreement and proposed Program. Invited speaker at the 1999 Nebraska Wildlife Federation Annual Meeting, Lincoln, Nebraska.
- Derby, C.E.,** and J.R. Lovvorn. 1997. Predation on fish by cormorants and pelicans in a coldwater river: a field and modeling study. *Can. J. Fish. Aquat. Sci.* 54:1480-1493
- Derby, C.E.,** and J.R. Lovvorn. 1997. Comparison of pellets versus collected birds for sampling diets of double-crested cormorants. *Condor* 99:549-553.
- Derby, C.E.,** and J.R. Lovvorn. 1995. Predation of fish by cormorants and pelicans in a coldwater river. Presented at 1995 Annual Conference of The Wildlife Society, Portland, Oregon.
- Derby, C.E.** 1995. Predation of fish by cormorants and pelicans in a coldwater river. M.S. Thesis Defense, Univ. Wyoming, Laramie.
- Derby, C.E.,** and J.R. Lovvorn. 1995. Predation of fish by cormorants and pelicans on the North Platte River. Presented at the American Fisheries Society, Colorado-Wyoming Chapter annual meeting, Casper, Wyoming.
- Derby, C.E.,** and J.R. Lovvorn. 1994. Predation of fish by cormorants and pelicans on the North Platte River. Presented at The Wildlife Society, Wyoming State Chapter annual meeting, Casper, Wyoming.
- Derby, C.E.** 1994. Estimation of trout and other fishes consumed by double-crested cormorants in the North Platte River, based on population energy requirements and food habits. Department of Zoology Seminar, Univ.