Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Biostatistics Support for National Park Service Biological Projects

Type of Project: Technical Assistance

Funding Agency: National Park Service, Biological Resource Management Division

Effective Dates: July 15, 2002 – July 15, 2004

Funding Amount: $60,000

Investigators and Agency Representative:
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Project Abstract:
This project will provide biostatistics support for the National Park Services Biological Projects. The University of Wyoming Statistical Consulting Center (UWSCC) will provide specialized statistical assistance through sub teams formed for a particular statistical problem, with Dr. Gerow and Dr. Grandjean serving as principal investigators. The UWSCC will provide support through the review of study designs, consulting on preliminary sampling and sample size determination, consulting at all phases of project planning, work, analysis, and write ups including the review of manuscripts for statistical methods used and interpretation of data. The UWSCC upon request, will provide expertise in biological/ecological monitoring designs, Bayesian Statistics, non-parametric statistics, multivariate statistical tests, and geospatial statistics. The UWSCC will also assist with the development of statistics and probability-based tools, and provide training courses (up to 3-day as identified) as requested. Specific technical assistance to be rendered may include the use of Seasonal Kendall and other Nonparametric Trend Analysis, Bayesian Statistics and Confidence Intervals, time series trend analysis, and geospatial statistics.

Outcomes with completion dates:
Final Products – Statistical Consultation
Final Products include: Final reports responding to technical assistance.

Keywords: biostatistics, Biological Resource Management Division

For Administrative use only:
Date Annual Report Received:

Date Final Report Received:

Publications, etc. on file: