

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Greater Yellowstone Inventory & Monitoring Network (GRYN): Phase 2 Report Collaboration
Type of Project: Technical Assistance
Funding Agency: National Park Service
Effective Dates: February 15, 2003 - May 15, 2003
Funding Amount: \$9,585
Investigators and Agency Representative: UNIVERSITY CONTACT: Dr. Bob Hall, Dept. Zoology & Physiology, University of Wyoming, Laramie, WY, 82071, 307.766.2877 (tel), bhall@uwyo.edu NPS CONTACT: Dr. Glenn E. Plumb, POB 168, Yellowstone National Park, WY, 82190, 307.344.2225 (tel), glenn.plumb@nps.gov
Project Abstract: The purpose of this project is to provide critical expertise and assistance to Dr. Glenn Plumb with the development and preparation of Chapter III of the Phase 2 GRYN Vital Signs Monitoring Plan. Chapter III is entitled "Conceptual Models" and is intended to explain the understanding of drivers, stressors and ecological effects of selected resource components of the GRYN parks and will provide a basis for identification and selection of appropriate ecological indicators for GRYN park health and integrity. Dr. Bob Hall is an acknowledged expert in Greater Yellowstone Area aquatic ecosystem structure and function and will contribute sections to Chapter 3 on lake, reservoir, and stream ecosystems.
Outcomes with completion dates: Conceptual models as assigned - April 5, 2003 <ul style="list-style-type: none">▪ Aquatic▪ Overview of aquatic types, drivers, stressors, function, structure▪ Relevant aquatic spatial and temporal scales, General aquatic schematic conceptual model▪ Aquatic ecosystem types: Lakes, Rivers, Reservoirs, Streams List of candidate vital signs - May 2, 2003 <ul style="list-style-type: none">▪ Dr. Hall will travel to Bozeman, MT and participate in a multi-day workshop @ Montana State University to participate in a group setting to identify and select ecological indicators and vital signs for GRYN parks. Chapter 3 Report - May 15, 2003 <ul style="list-style-type: none">▪ Dr. Hall will ensure that ecosystem models and narrative contributions are submitted on schedule and will respond to editorial comment as Dr. Plumb compiles the multi-authored Chapter 3 Report.
Keywords: Greater Yellowstone Network; ecological indicators; inventory and monitoring; lake, reservoir, and stream ecosystems; conceptual models
<i>For Administrative use only:</i> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i>