



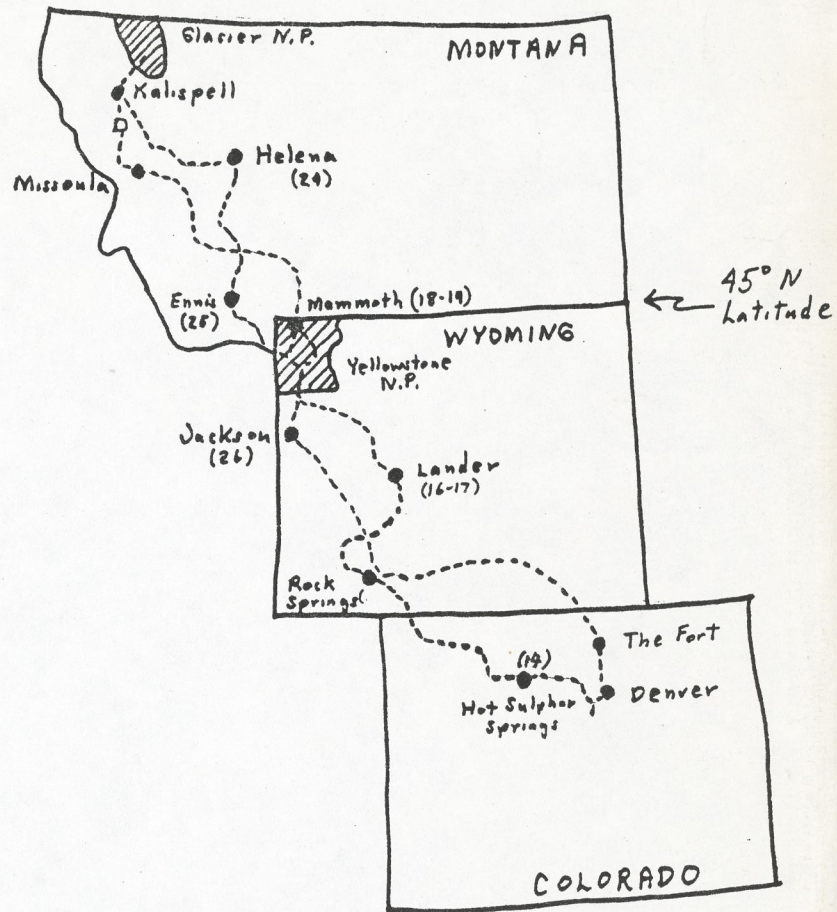
FW 304/375-North Trip, 1989

1. Load vans at 8:45 AM, Sunday May 14 from front of Wagar Building. The Colorado Division of Wildlife will provide Sunday supper and Monday breakfast. You will need to purchase all other meals.  
  
Return to Fort Collins in the evening, Saturday, 27 May (5:30 PM?).
2. Travel will be by University vans. No smoking please. Drinking of alcoholic beverages on the vans is prohibited. We should have room for one cooler only if you have been assigned to bring one.
3. We will pick up mail at Kalispell, Montana only on Tuesday, May 23. Have mail sent addressed as:  
Colorado State Field Trip  
(Your Name - do not put name on first line!)  
General Delivery  
Kalispell, Montana 59901
4. Important messages may be forwarded to you via the Department secretary, Mrs. Evie Weddel, phone 491-5020. Profs. Bailey or Behnke will contact her about every two days. Emergency messages can be delivered via the local law enforcement office in the town where we stay each night. Our places of lodging are given with our trip schedule.
5. Course requirements: Completion of a post-trip report answering 2 questions, based on your observations during the trip. These must be typed. Grades will be determined by completeness, correctness and neatness of papers and by participation and cooperation during the trip.
6. Each team is to carry out duties as assigned on the trip. Teams will share chores of cleaning out the vans and cleaning gyms where we have spent the night.
7. Equipment:

sleeping bag with pad	binoculars
sun hat, sun glasses	camera and film
sun cream, lotion, chapstick	good notebook
rain gear	field guides
mid-weight jacket	reading materials
field shoes	playing cards and chips?
gym shoes and socks*	musical instrument (small!)
canteen/thermos	hand compass (need for
toilet kit, towel	dead-deer survey)

There will be a chance to use a laundromat near the middle of the trip.

\*Gym shoes for evenings



May 1989						
S	M	T	W	T	F	S
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	7	8	9	10	11	12 13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Handed out at meeting 4/12.

Bob - I added your questions

Questions for FW304, FW375, North Spring Trip. Answer any 3 questions. Your answers must be typed, and sent to Dr. Bailey or Dr. Behnke, Dept. Fishery and Wildlife Biology, CSU, Fort Collins, 80523 by the summer solstice (June 21). No more than 2 pages per answer, please. Submit concise, well-organized answers.

1. On this field trip we visited about 9 state, federal, urban, private, and indian agencies. Choose two agencies you would most like to work for and explain why. Choose one agency you would least like to work for and explain why.

2. National Parks are managed to maintain ecosystems in as natural a condition as possible and practical. Discuss the difficulties in achieving and maintaining naturalness in Parks. Include the numerous deviations from naturalness discussed or observed on the trip.

3. Ecological density is the number of animals in relation to the quantity and quality of habitat resources. We should expect to see the highest ecological density of ungulates in National Parks, an intermediate ecological density at the Wall Creek Game Range, and the lowest ecological density at the National Bison Range. Compare and contrast the characteristics of both ungulate populations and their habitats among these 3 areas.

→ 4. Critique the data bases, or lack of data, used for managing wildlife and fish populations and habitats, as seen on the trip. Consider the quality (precision, accuracy) of each data base. Note any opportunities to improve data-bases by initiating new methods.

5. Which agency(ies) visited on the trip had the best non-game program(s)? Why? Which agency(ies) had the best habitat management program(s)? Why?

→ 6. Discuss the bases for special fishing regulations (the release - recycling of part or all of the catch). Under what circumstances are special regulations a "good" management strategy? What public relations problems can be anticipated when special regulations are imposed on a certain water?

→ 7. We see areas exposed to heavy grazing by wild animals such a bison and elk in Yellowstone National Park, and areas heavily grazed by domestic livestock. How do you explain the different degrees of impacts on riparian vegetation and streambank stability from wild vs. domestic animals? What is the difference between natural erosion and accelerated erosion? When the loss of riparian vegetation triggers massive changes in erosion rates and channel stability, what other values besides fish habitat are impacted in the watershed and downstream from damaged areas? In the 11 western states, about 250 million acres of federal land is open to grazing by domestic livestock under multiple use management. Less than 3 % of our country's beef production is from the federal lands, and this small percentage is subsidized by below-market grazing fees. Riparian areas make up less than 1 % of federal rangelands. The degradation of critical riparian zones is subsidized by past and current grazing programs. To call public attention to this situation, Congress had the Government Accounting Office produce GAO Report GAO/RCED-88-105, "Public Rangelands: Some riparian areas restored but widespread improvement will be slow." Why is "improvement" expected to be slow?

4/17/89

CONTINUING EDUCATION GRADE SHEET  
COLORADO STATE UNIVERSITY

COURSE NO.: FW 375 TITLE: FIELD WILDLIFE STUDIES

REF. NO.: 84617 SEC. NO.: 700 INSTRUCTOR: JAMES A. BAILEY  
DELWIN E. BENSON

- ALPERT, JULIE BETH \_\_\_\_\_
- ALTHOUSE, CHRISTINE M. \_\_\_\_\_
- BENDYKOWSKI, JAMES ANDREW \_\_\_\_\_
- BRAUCH, DANNY E. \_\_\_\_\_
- BRECK, STEWART W. \_\_\_\_\_
- BUSH, JODI LYNN \_\_\_\_\_
- BUTLER, MATHEW OWEN \_\_\_\_\_
- CARRICK, JAYE \_\_\_\_\_
- CUELLAR, JOHN RICHARD \_\_\_\_\_
- FALISE, ROXANNE D. \_\_\_\_\_
- FINK, MICHELLE MARIE \_\_\_\_\_
- GRODY, ELAYNA MARIE \_\_\_\_\_
- HAYNES, TANYA MELANIE \_\_\_\_\_
- HECKSCLER, CHRISTOPHER M. \_\_\_\_\_
- HIGHSMITH, MICHAEL OWEN \_\_\_\_\_
- JACKSON, JOY ANNE \_\_\_\_\_
- KAHAN, SCOTT BRYANT FOWLER \_\_\_\_\_
- KITTRELL, STEPHEN H. \_\_\_\_\_
- KNOTT, KAY L. \_\_\_\_\_
- LAUGHLIN, GREGORY DANIEL \_\_\_\_\_
- MC FARLAND, MALCOLM \_\_\_\_\_
- MOTIS, TIMOTHY JOHN \_\_\_\_\_
- RICH, CECIL F. \_\_\_\_\_
- SAGGERMAN, JEFFERY DAVID \_\_\_\_\_
- SANDY, WILLIAM BRIAN \_\_\_\_\_
- SCARPELLA, RODNEY LYNN \_\_\_\_\_
- SEVER, SCOTT EDWARD \_\_\_\_\_
- SPRAGUE, MINDY RENE \_\_\_\_\_
- STEPHENSON, BRIAN SCOTT \_\_\_\_\_
- STEVENS, DANIELLE DAYNE \_\_\_\_\_
- STRAIT, KERRY ELLEN \_\_\_\_\_
- TESSLER, DAVID FAIR \_\_\_\_\_
- THOMAS, KENNETH GRANT \_\_\_\_\_
- THOMAS, RONALD EARL \_\_\_\_\_
- VARDAMAN, CRAIG L. \_\_\_\_\_
- VASQUEZ, RUBEN \_\_\_\_\_
- WARNER, MICHAEL A. \_\_\_\_\_
- WENUM, ERIK A. \_\_\_\_\_
- WRUCK, MELISSA LYNN \_\_\_\_\_

CONTINUING EDUCATION  
COLORADO STATE UNIVERSITY

COURSE NO.: FW 304 TITLE: FISHERY

REF. NO.: 84609 SEC. NO.: 700

- BEAUPREZ, SHAWN MICHAEL \_\_\_\_\_
- CAMPBELL, CURTIS ALLEN \_\_\_\_\_
- DYSART, JEFF CARL \_\_\_\_\_
- HOLZER, KAREN M. \_\_\_\_\_
- PROERSTEL, DON S. \_\_\_\_\_
- WOOD, BRIAN MARSHALL \_\_\_\_\_