COMPARISON OF BACKCOUNTRY AND WILDERNESS RECREATIONISTS' PERCEPTIONS AND PREFERENCES

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An interim report submitted to the

University of Idaho Wilderness Research Center October 5, 1977

Thomas R. Glassford

This report will advise you of the current status of my summer research study to compare recreationists visiting designated Wilderness areas and non-designated backcountry areas.

The field work was accomplished between June 23, 1977, and September 11, 1977. During this time, I contacted approximately 200 visitors to the Eagle Cap Wilderness and 150 visitors to the Selkirk backcountry. Visitor response to the study was very positive. Recreationists in each area showed considerable interest in my objectives, and local Forest Service personnel were very pleased with the visitor response.

Recreationists in each area completed a 39-item questionnaire. A sample of both questionnaires is attached. Although the questionnaire was rather lengthy, visitors rarely objected to completing it in full. Many were eager to participate in the study and devoted much time and thought to the questions, often adding relative comments.

In addition to the two areas mentioned above, I had proposed to contact recreationists visiting the Elkhorn backcountry. After sampling for over a week in the Elkhorns, however, it was evident that backcountry use of the area was minimal. Given the limited field season available, the few people that would have been contacted did not justify the time that would have been required for sampling. The backcountry portion of the study was thus concentrated on the Selkirks.

I am presently in the process of coding the questionnaire data for computer analysis. I plan to begin the computer analysis by October 17, and the final report should be available by the end of the semester. If you have any questions about my study, please contact me.

•	INCLUDING THIS TRIP, ABOUT HOW MANY TOTAL TRIPS HAVE YOU MADE TO WILDERNESS AND BACKCOUNTRY KINDS OF RECREATIONAL AREAS?
	HOW MANY YEARS AGO DID YOU MAKE YOUR FIRST TRIP?
	DURING THE LAST TWO YEARS, HOW MANY TRIPS HAVE YOU MADE TO WILDER- NESS AND BACKCOUNTRY KINDS OF RECREATIONAL AREAS?
	IN WHAT ACTIVITIES WILL YOU PARTICIPATE ON THIS TRIP? (Check all blocks that apply) Camping Relaxing Shooting Nature Photography Hiking Fishing Mountain climbing Nature study Horseback riding Hunting Sightseeing Reading Other (Describe)
	DO YOU KNOW OF ANY <u>NON-DESIGNATED</u> BACKCOUNTRY AREAS WHERE YOU COULD PARTICIPATE IN THE SAME ACTIVITIES? (Check one block)
	$\Box \text{ No} \qquad \Box \text{ Yes} \rightarrow \qquad \text{If yes, what areas?} _$
	ARE THERE ANY PARTICULAR REASONS THAT LED YOU TO VISIT THIS WILDER- NESS AREA INSTEAD OF SOME BACKCOUNTRY AREA? (Check one block) □ No □ Yes → If yes, what reasons?
	IN GENERAL, DO YOU PREFER WILDERNESS OR BACKCOUNTRY AREAS? (Check one block)
	□ Prefer wilderness areas □ Prefer backcountry areas □ No preference
	WHAT ARE YOUR REASONS FOR THE PREFERENCE YOU INDICATED?
	SUPPOSE ONE OF YOUR FRIENDS WHO HAD NEVER VISITED A WILDERNESS OR BACKCOUNTRY AREA ASKED YOU ABOUT THESE AREAS. <u>OTHER THAN DESIGNA-</u> <u>TION</u> , HOW WOULD YOU DESCRIBE THE DIFFERENCES BETWEEN THE TWO TYPES OF AREAS?
	HOW MANY OTHER PARTIES PER DAY COULD YOU MEET ON THE TRAIL AND STILI ENJOY YOUR TRIP?
	HOW MANY OTHER CAMPS COULD YOU SEE OR HEAR FROM YOUR CAMP AND STILL ENJOY YOUR TRIP?

23. SUPPOSE YOUR FAVORITE WILDERNESS AREA ALWAYS SEEMED TO BE CROWDED WITH OTHER RECREATIONISTS. IF THE FOREST SERVICE BEGAN TO INFORM PEOPLE OF LESS CROWDED BACKCOUNTRY AREAS THAT OFFER SIMILAR RECREA-TIONAL OPPORTUNITIES, WOULD YOU VISIT THESE AREAS? (Check one block)

□ Yes →	If yes, why?	

 \square No \rightarrow If no, why?

24. SHOULD HUNTING BE ALLOWED IN DESIGNATED WILDERNESS AREAS? (Check one block)
□ Yes □ No

25. SHOULD HUNTING BE ALLOWED IN BACKCOUNTRY AREAS? (Check one block)

🗆 Yes 🗆 No

26. WHICH TYPE OF WILDLIFE MANAGEMENT PROGRAM WOULD YOU FAVOR IN WILDERNESS AND BACKCOUNTRY AREAS? (Check one block under WILDERNESS and one block under BACKCOUNTRY)

	WILDERNESS	BACKCOUNTRY
Manage primarily for native species		
Aanage primarily for game species		
Manage equally for all species		
lo wildlife management		
omething else would be better.		
I would suggest	and the second second second	a second and the second second

 WHICH TYPE OF FIRE MANAGEMENT PROGRAM WOULD YOU FAVOR IN WILDER-NESS AND BACKCOUNTRY AREAS? (Check one block under WILDERNESS and one block under BACKCOUNTRY)

	WILDERNESS	BACKCOUNTRY
Put out all fires		
Put out all man-caused fires and let all natural fires burn		
Put out all man-caused fires and large natural fires, but let small natural fires burn	0	
Something else would be better. I would suggest		

28. IN SEVERAL EUROPEAN COUNTRIES AND IN CANADA, A TRAIL HUT SYSTEM IS MAINTAINED TO PROVIDE FOOD AND LODGING FOR HIKERS AND SKIERS TRAVELING THROUGH A WILDLAND RECREATION AREA. WOULD YOU FAVOR THE ESTABLISHMENT OF SUCH A HUT SYSTEM IN <u>BACKCOUNTRY</u> AREAS? (Check one block)

□ Yes →	If yes, why?	

□ No →

If no, why? ____

29. AS Y THINK OF WILDERNESS AND BACKCOUNTY, HOW DESIRABLE OR UN-DESIRABLE DO YOU CONSIDER EACH OF THE FOLLOWING ITEMS? (Check one block in each row under WILDERNESS and one block in each row under BACKCOUNTRY)

VU = Very Undesirable; U = Undesirable; N = Neutral; D = Desirable; VD = Very Desirable

	WILDERNESS		KCOUNTRY UNDVD
No motorized travel by visitors Absence of man-made features, except trails Lakes behind small man-made dams Gravel roads Private cabins			
Stocking the area with kinds of game animals that were not native to the area		0 0	
Developed campsites with plank tables, cement fireplaces with metal grates, and outhouses		0 0	
Lots of camping equipment to make camp- ing easy and comfortable		0 0	
Stocking the area with kinds of fish that were not native to the area	0 0 0 0	0 0	
Forests, flowers, and wildlife much the same as before the pioneers	0 0 0 0	0 0	
Solitude (not seeing many other people except those in your own party)		0 0	
Covers a large area (at least 25 square miles) Remote from towns or cities			
Little evidence of other visitors before you Primitive outhouses			
Hitching racks for horses			
Artificially revegetating eroded areas with native species	0 0 0 0	0 0	
Trail signs Cutting firewood			
Forest Service cabins Hiking trails			
Cutting trees to open scenic vistas from trails	0 0 0 0	0 0	0000
Artificially revegetating eroded areas with non-native species	0 0 0 0	0 0	0000
Wooden bridges over large rivers			
Adirondack shelters (3-sided shelters) Light aircraft landing strips			
Cutting hazardous trees Wooden bridges over small streams			

WILDERNESS QUESTIONNAIRE

We would appreciate your help in a research project sponsored by the University of Idaho regarding the recreational use of wilderness and backcountry areas. The following questions ask for your input about the recreational areas you visit, the activities you seek, and the management programs you support. The information you can furnish from your experiences will help the managers of these areas provide the kind of recreational opportunities you desire.

Some of the questions ask for your opinion about two different kinds of areas: wilderness and backcountry. The questions about "wilderness areas" refer to designated areas of the National Wilderness Preservation System, such as the one you are now visiting, and the primitive areas of the U.S. Forest Service and the National Park Service. The questions about "backcountry areas" refer to remote, undeveloped areas that are similar to wilderness areas, but that lack any official designation as a wilderness area.

Thank you very much for your help with this project.

	HOW MANY PEOPLE ARE IN YOUR PARTY?
	ARE YOU THE PARTY LEADER? (Check one block)
	□ Yes □ No □ No leader in party
	WHO IS IN YOUR PARTY? (Check one block)
	□ One person □ Family □ Friends □ Family and friends
	IS THIS AN ORGANIZATION-SPONSORED TRIP? (Check one block)
	\Box No \Box Yes \rightarrow If yes, what organization?
	HOW MANY NIGHTS DO YOU PLAN TO STAY?
	WHAT IS YOUR DESTINATION?
	HOW WILL YOU TRAVEL? (Check one block)
	□ Foot □ Horseback
	IS THIS YOUR FIRST TRIP TO THIS WILDERNESS AREA? (Check one block)
	\Box Yes \Box No \rightarrow If no, how many previous trips?
	HOW DID YOU LEARN ABOUT THIS WILDERNESS AREA?
0.	HAVE YOU VISITED OTHER DESIGNATED WILDERNESS AREAS? (Check one block
	\Box No \Box Yes \rightarrow If yes, how many total visits?
1.	IF YOU ANSWERED "YES" TO THE LAST QUESTION, WHAT OTHER DESIGNATED WILDERNESS AREAS HAVE YOU VISITED?

•

30. HOW WOULD YOU REACT THE FOLLOWING METHODS OF TRAVEL WILDER-NESS AND BACKCOUNTRY AREAS? (Check one block in each row under WILDERNESS and one block in each row under BACKCOUNTRY)

VU = Very Undesirable; U = Undesirable; N = Neutral; D = Desirable; VD = Very Desirable

	WILDERNESS	BACKCOUNTRY	
	VU U N D VD	VU U N D VD	
Hiking			
Snowmobiling			
Cross-country skiing			
Light aircraft landing			
Horseback riding			
Canoeing			
Trailbiking			
Power boating			
River rafting			

31. WHERE DO YOU LIVE?

Zip Code

32. WHERE DID YOU SPEND MOST OF YOUR LIFE BEFORE AGE 18? (Check one block)

	Farm or rural area	□ Small city (25,000–50,000)
	□ Small town (5,000 or less)	□ Large city (50,000-500,000)
	□ Large town (5,000–25,000)	□ Very large city (500,000 or more)
	□Suburb (within 15 miles	of a large or very large city)
33.	WHAT IS YOUR AGE?	

34. WHAT IS YOUR SEX?

Town or city _

State _____

35. ARE YOU MARRIED? (Check one block)

 \Box No \Box Yes \rightarrow If yes, how many children?

36. WHAT IS YOUR OCCUPATION?

37. ARE YOU A MEMBER OF AN OUTDOOR CLUB OR CONSERVATION ORGANIZATION? (Check one block)

 \Box No \Box Yes \rightarrow If yes, what club or organization?

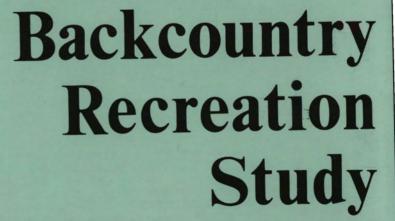
38. WHAT WAS THE LAST YEAR OF SCHOOL YOU COMPLETED? (Circle one number)

Elementary School	High School	College
12345678	9 10 11 12	1 2 3 4 5 6 6+

39. WHAT IS YOUR FAMILY INCOME BEFORE TAXES? (Check one block)

Less than \$5,000	□ \$15.000-\$19.999
□ \$5,000-\$9,999	□ \$20.000-\$24.999
□\$10,000-\$14,999	□ \$25.000 or more

THANK YOU



Wilderness Research Center University of Idaho

12.	INCLUDING THIS TRIP, ABOUT HOW MANY TOTAL TRIPS HAVE YOU MADE TO BACKCOUNTRY AND WILDERNESS KINDS OF RECREATIONAL AREAS?	2	23. SUPPOSE YOUR WITH OTHER R PEOPLE OF LES
13.	HOW MANY YEARS AGO DID YOU MAKE YOUR FIRST TRIP?		TIONAL OPPOR
14.	DURING THE LAST TWO YEARS, HOW MANY TRIPS HAVE YOU MADE TO BACK- COUNTRY AND WILDERNESS KINDS OF RECREATIONAL AREAS?	2	🗆 Yes 🔶
15.	IN WHAT ACTIVITIES WILL YOU PARTICIPATE ON THIS TRIP? (Check all blocks that apply) Camping Relaxing Relaxing Fishing Hiking Horseback riding Hunting Other (Describe)	. 2	□ No → 24. SHOULD HUNT block) □ Yes
16.	DO YOU KNOW OF ANY DESIGNATED WILDERNESS AREAS WHERE YOU COULD	2	25. SHOULD HUNT
	PARTICIPATE IN THE SAME ACTIVITIES? (Check one block)		□Yes
17.	□ No □ Yes → If yes, what areas?	2	26. WHICH TYPE O WILDERNESS A one block under
18.	COUNTRY AREA INSTEAD OF SOME WILDERNESS AREA? (Check one block) □ No □ Yes → If yes, what reasons? IN GENERAL, DO YOU PREFER WILDERNESS OR BACKCOUNTRY AREAS? (Check one block)		Manage primarily Manage primarily Manage equally f No wildlife mana Something else w I would sugges
19.	□ Prefer wilderness areas □ Prefer backcountry areas □ No preference WHAT ARE YOUR REASONS FOR THE PREFERENCE YOU INDICATED?	2	27. WHICH TYPE O NESS AND BAC under BACKCOU
20.	SUPPOSE ONE OF YOUR FRIENDS WHO HAD NEVER VISITED A WILDERNESS OR BACKCOUNTRY AREA ASKED YOU ABOUT THESE AREAS. <u>OTHER THAN DESIGNA-</u> <u>TION</u> , HOW WOULD YOU DESCRIBE THE DIFFERENCES BETWEEN THE TWO TYPES OF AREAS?		Put out all fires Put out all man-c natural fires bu Put out all man-c natural fires, bu Something else w I would sugges
21.	HOW MANY OTHER PARTIES PER DAY COULD YOU MEET ON THE TRAIL AND STILL ENJOY YOUR TRIP?	:	28. IN SEVERAL E MAINTAINED T TRAVELING TH
2.	HOW MANY OTHER CAMPS COULD YOU SEE OR HEAR FROM YOUR CAMP AND STILL ENJOY YOUR TRIP?	*	ESTABLISHME block) □ Yes →
			□ No →

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TIONAL OPPORTUNITIES, WOULD YOU VISIT THESE AREAS? (Check one block)

Yes →	If yes, why?	
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No \rightarrow If no, why? _____

24. SHOULD HUNTING BE ALLOWED IN DESIGNATED WILDERNESS AREAS? (Check one block)

□Yes □No

- 25. SHOULD HUNTING BE ALLOWED IN BACKCOUNTRY AREAS? (Check one block)
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- 26. WHICH TYPE OF WILDLIFE MANAGEMENT PROGRAM WOULD YOU FAVOR IN WILDERNESS AND BACKCOUNTRY AREAS? (Check one block under WILDERNESS and one block under BACKCOUNTRY)

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	WILDERNESS				BACKCOUNTRY						
	VU	U	N	D	VD	VU	U	N	D	VD	
No motorized travel by visitors											
Absence of man-made features, except trails											
Lakes behind small man-made dams											
Gravel roads											
Private cabins											
Stocking the area with kinds of game animals											
that were not native to the area											
Developed campsites with plank tables,											
cement fireplaces with metal grates, and	-	-	_	-	-	-	-	-	-	-	
outhouses											
Lots of camping equipment to make camp-	-	-	-	-	-	-	-	_	-	_	
ing easy and comfortable											
Stocking the area with kinds of fish that	_	-	_	_	-	-	_	_	-	_	
were not native to the area											
Forests, flowers, and wildlife much the same	-	-	-	-	-	-	-	_	_	_	
as before the pioneers											
Solitude (not seeing many other people		-	-	-	_	-	-	-	-	-	
except those in your own party) Covers a large area (at least 25 square miles)	-										
Remote from towns or cities									Ц		
Little evidence of other visitors before you			-								
Primitive outhouses											
Hitching racks for horses									H		
Artificially revegetating eroded areas with					Ц	Ц	Ц		Ц	Ц	
native species									-		
Trail signs			_								
Cutting firewood									H	П	
Forest Service cabins		_								П	
Hiking trails		_							П	П	
Cutting trees to open scenic vistas from trails		-									
Artificially revegetating eroded areas	-	_	_	_	_		_	-	_	_	
with non-native species											
Wooden bridges over large rivers Adirondack shelters (3-sided shelters)											
Light aircraft landing strips											
Cutting hazardous trees											
Wooden bridges over small streams											
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BACKCOUNTRY QUESTIONNAIRE

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Thank you very much for your help with this project.

1.	HOW MANY PEOPLE ARE IN YOUR PARTY?
2.	ARE YOU THE PARTY LEADER? (Check one block)
	□ Yes □ No □ No leader in party
3.	WHO IS IN YOUR PARTY? (Check one block)
4.	IS THIS AN ORGANIZATION-SPONSORED TRIP? (Check one block)
	□ No □ Yes → If yes, what organization?
5.	HOW MANY NIGHTS DO YOU PLAN TO STAY?
6.	WHAT IS YOUR DESTINATION?
7.	HOW WILL YOU TRAVEL? (Check one block)
	□ Foot □ Horseback □ Motorized vehicle → If motorized, what vehicle?
8.	IS THIS YOUR FIRST TRIP TO THIS BACKCOUNTRY AREA? (Check one block)
	\Box Yes \Box No \rightarrow If no, how many previous trips?
9.	HOW DID YOU LEARN ABOUT THIS BACKCOUNTRY AREA?
10.	HAVE YOU VISITED OTHER BACKCOUNTRY AREAS NOT DESIGNATED AS WILDER- NESS? (Check one block)
	$\Box \text{ No} \qquad \Box \text{ Yes} \rightarrow \qquad \text{If yes, how many visits?} ____$
11.	IF YOU ANSWERED "YES" TO THE LAST QUESTION, WHAT OTHER NON-DESIGNATED BACKCOUNTRY AREAS HAVE YOU VISITED?

30. HOW WOULD YOU REACT THE FOLLOWING METHODS OF TRAVEL WILDER-NESS AND BACKCOUNTRY AREAS? (Check one block in each row under WILDERNESS and one block in each row under BACKCOUNTRY)

VU = Very Undesirable; U = Undesirable; N = Neutral; D = Desirable; VD = Very Desirable

	WILDERNESS	BACKCOUNTRY					
	VU U N D VD	VU U N D VD					
Hiking	0 0 0 0 0	0 0 0 0 0					
Snowmobiling							
Cross-country skiing							
Light aircraft landing							
Horseback riding	0 0 0 0 0						
Canoeing							
Trailbiking							
Power boating		0 0 0 0 0					
River rafting							

31. WHERE DO YOU LIVE?

1

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 Town or city

 State
 Zip Code

32. WHERE DID YOU SPEND MOST OF YOUR LIFE BEFORE AGE 18? (Check one block)

Farm or rural area	□ Small city (25.000-50,000)				
□ Small town (5,000 or less)	□ Large city (50,000-500,000)				
□ Large town (5,000–25,000)	□ Very large city (500,000 or more)				
□Suburb (within 15 miles of a large or very large city)					

- 33. WHAT IS YOUR AGE? _____
- 34. WHAT IS YOUR SEX? _____
- 35. ARE YOU MARRIED? (Check one block)

 \Box No \Box Yes \rightarrow If yes, how many children?

36. WHAT IS YOUR OCCUPATION?

37. ARE YOU A MEMBER OF AN OUTDOOR CLUB OR CONSERVATION ORGANIZATION? (Check one block)

 \Box No \Box Yes \rightarrow If yes, what club or organization?

38. WHAT WAS THE LAST YEAR OF SCHOOL YOU COMPLETED? (Circle one number)

Elementary School	High School	College
1 2 3 4 5 6 7 8	9 10 11 12	1 2 3 4 5 6 6+

39. WHAT IS YOUR FAMILY INCOME BEFORE TAXES? (Check one block)

Less than \$5,000	□ \$15.000-\$19.999
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Backcountry Recreation Study

Wilderness Research Center University of Idaho