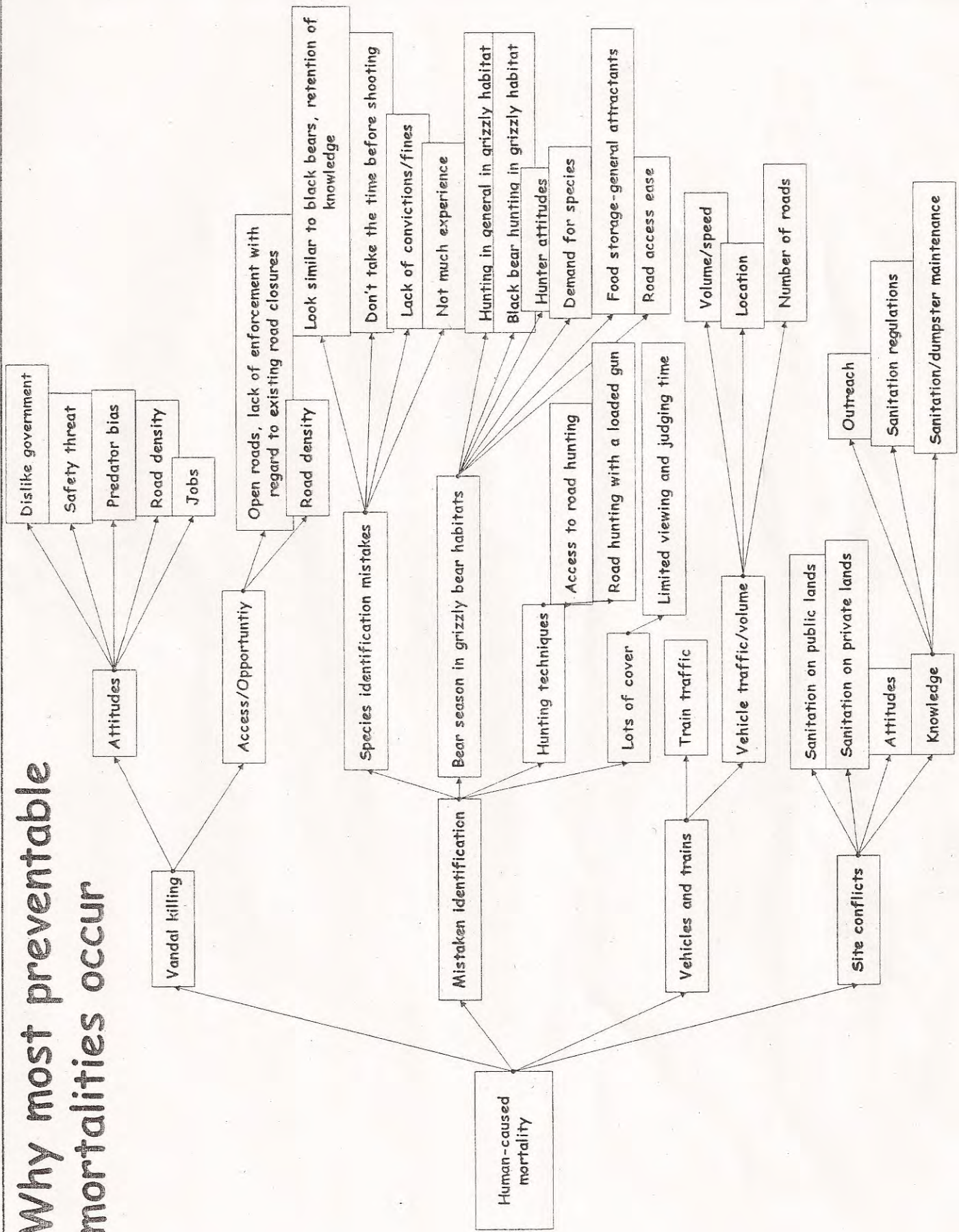


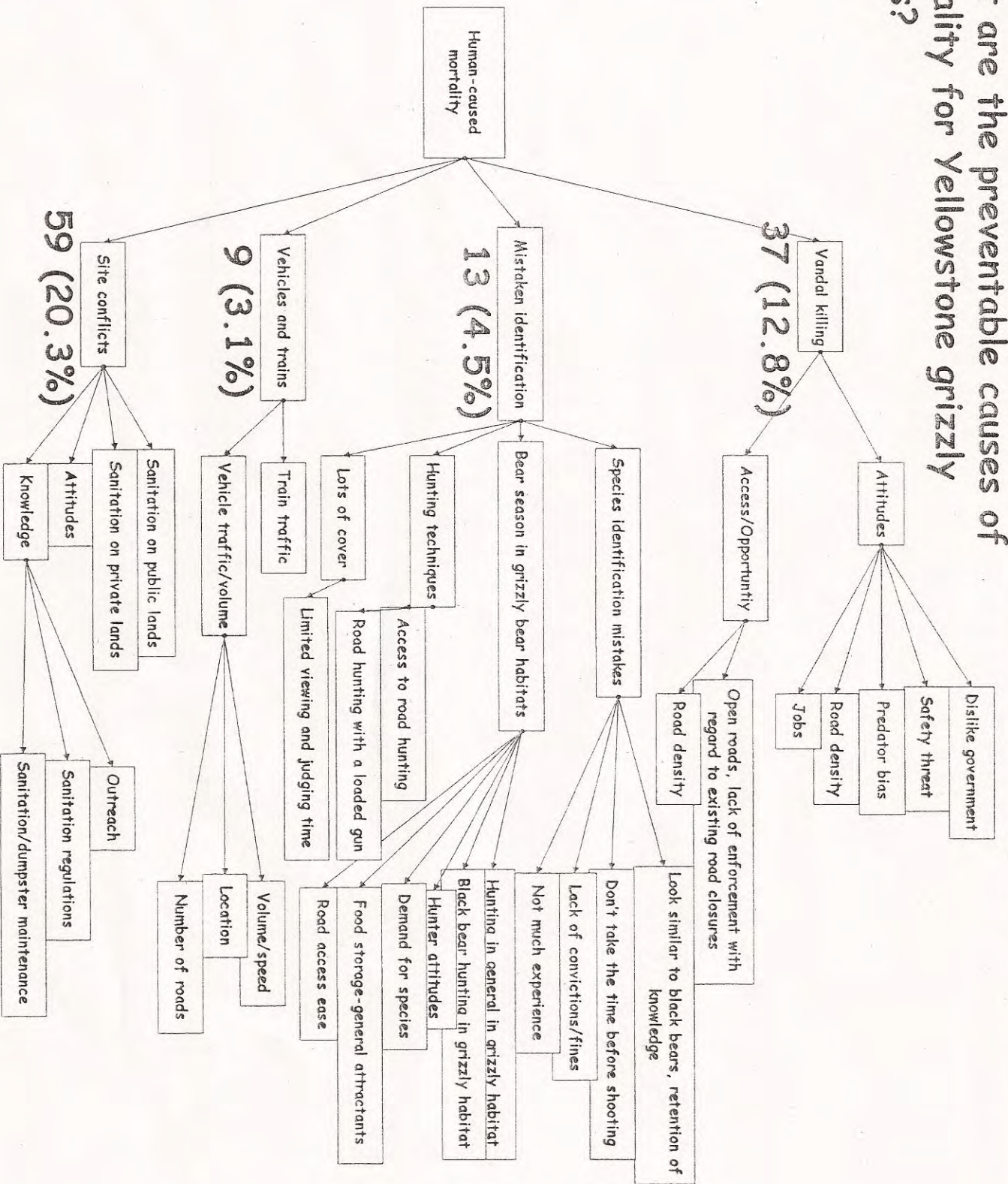
Why most preventable mortalities occur



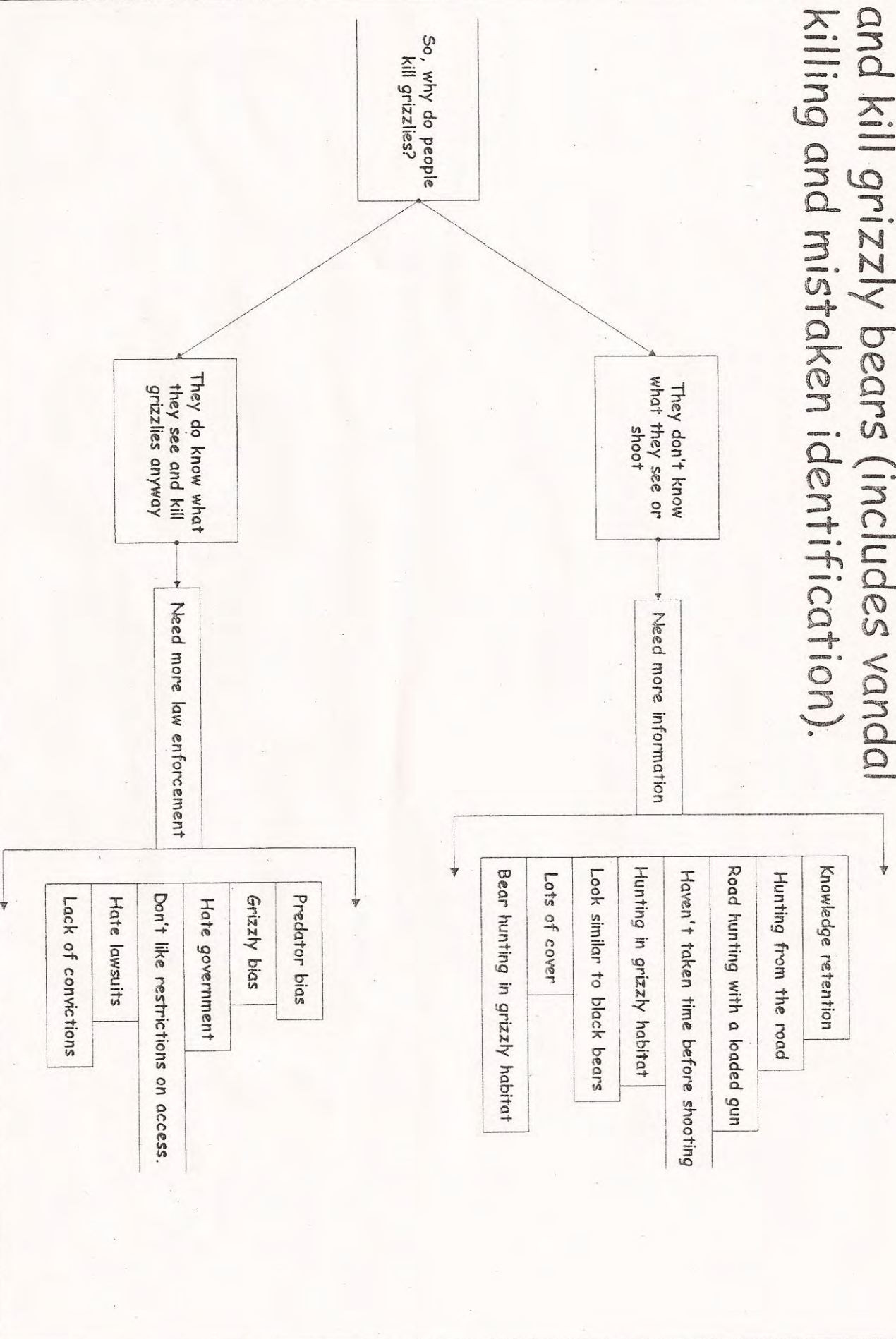
Causes of known grizzly bear mortalities in the Yellowstone Ecosystem, 1980-2002. 188 (64.8%) preventable

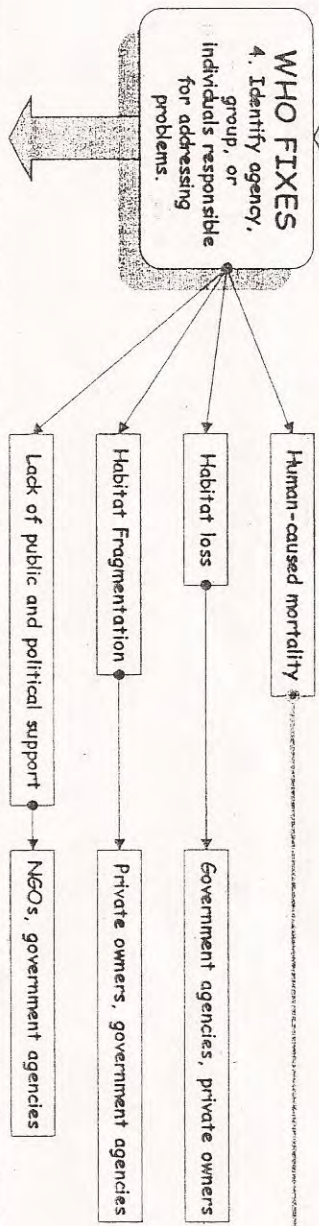
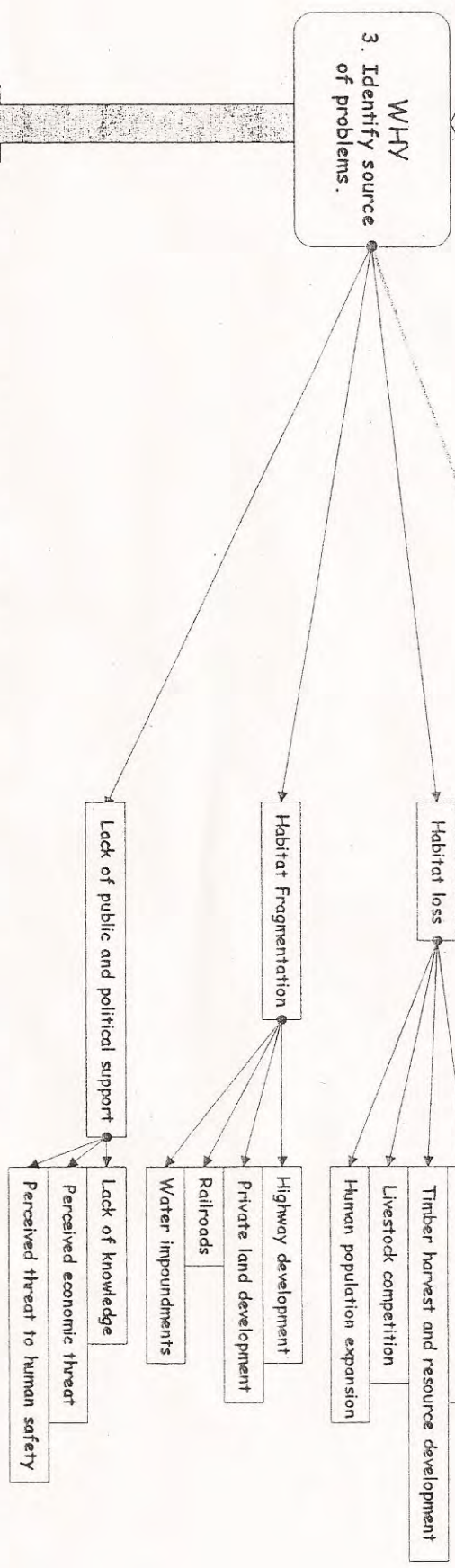
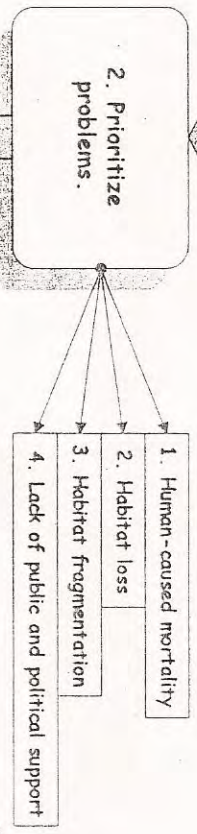
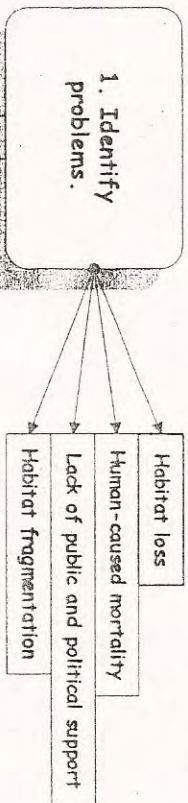
Category	Yellowstone	% of Total
Capture mortality	10	3.4
Car	9	3.1
Human fatality	3	1.0
Human site conflicts	59	20.3
Livestock depredation	11	3.8
Sheep	4	
Cattle	6	
Horses	1	
Illegal / malfeasance	37	12.8
Poached/illegal	27	
Backcountry camp illegal	7	
Hunting-related illegal	2	
Sheep-related illegal	1	
Mistaken ID	13	4.5
Natural	33	11.4
Self defense	49	16.9
Hunt related	35	
Backcountry/camp	8	
Toxicology/DIP	3	
Sheep-related kill	3	
Under investigation	-	0
Electrocution	5	1.7
Unknown	61	21.0
TOTAL	290	-
Deaths / Year	12.61	-

What are the preventable causes of mortality for Yellowstone grizzly bears?



The ultimate reasons that people shoot and kill grizzly bears (includes vandal killing and mistaken identification).





WHO FIXES
4. Identify agency, group, or individuals responsible for addressing problems.

Human-caused mortality

Issues considered most important and able to be changed

Dislike government
Safety threat
Predator bias

FWP, FWS, USFS

Open roads, lack of enforcement with regard to existing road closures

USFS

Look similar to black bears, retention of knowledge
Don't take the time before shooting
Lack of convictions/fines

State FaG, FWS

State FaG

State FaG, FWS

Hunting in general in grizzly habitat
Black bear hunting in grizzly habitat
Hunter attitudes

State FaG

State FaG, FWS, USFS

Road hunting with a loaded gun

State FaG

Sanitation regulations on public land

USFS

Sanitation regulations on private land

State FaG, FWS, USFS, Counties

5. Determine what is necessary to successfully address each problem

HOW FIX

Human-caused mortality

Issues considered most important and able to be changed

Dislike government
Safety threat
Predator bias
Outreach programs held for schools, sportsmen clubs, outfitters

Open roads, lack of enforcement with regard to existing road closures
Continue to be responsive to violations of road closings

Look similar to black bears, retention of knowledge
Don't take the time before shooting
Annual testing, including identification testing
Stress regulations, possibility of killing a female with cubs, talk to judges about penalties

Lack of convictions/fines
More enforcement people, judges who take wildlife crimes seriously
Hunting in general in grizzly habitat
Emphasize responsibilities of hunters to all resources
Black bear hunting in grizzly habitat
Stop black bear hunting season on October 31st
Hunter attitudes
Outreach programs directed towards the value of bears

Road hunting with a loaded gun
Outreach programs directed towards enforcement, stopping, and fining people

Sanitation regulations on public land
Sanitation regulations on private land
Food storage regulations, outreach directed towards bear-proofing dumpsters (County, with NGO's), electric fencing, conflict/outreach specialist

Suggestions for subcommittee action on mortality reduction:

- The subcommittee sets up a task force to review preventable mortalities and to list specific recommendations for improved efforts and responsibilities to reduce preventable human-caused mortalities
- Task force to report to the subcommittee at the spring 2004 meeting
- Agency commitment to implement the recommendations of the task force at the spring 2004 meeting