## Study Area: 1) Big Creek 2) Panther Creek Carcass No. Field Investigators Species Sex: M F Unk Days since death 1)known 2)est. Progrant: Y N ? Fetus (cm): C-R HL/deerHF Predation sequence: Y N animal ID \_\_\_\_\_ start date \_\_\_\_\_ sequence kill # KILL SITE DESCRIPTION: General Location E x N Elev. (ft) Slope % Aspect Kill: UTM Ambush site: Slope \_\_ % Dist. from kill (m) \_\_\_ Cache: Slope \_\_ % Dist. from kill (m) \_\_\_ Physiography: 1) ridge top 2) upper 1/3 slope 3) mid 1/3 slope 4) lower 1/3 slope 5) bottom Snow depth (cm) Snow crust: Y N Rock: 1) cliff 2) outcrop 3) cave 4) talus 5) none Habitat type Forest canopy cover % Vegetation Visibility (90% predator concealment distance): uphill downhill left right (m) Describe kill area SITE EVIDENCE AND ASSESSMENT OF CARNIVORE INVOLVEMENT: Carcass detection: 1)bird activity 2)tracks/sign 3)telemetry 4)bones 5)other Carnivore Sign Present: 1)wolf 2)cougar 3)coyote 4)bobcat 5)black bear 6)none 7)other Carnivore present: Y N Fresh tracks Old tracks Beds Hair Scats # scats Tree scratching Scrapes # scrapes Urine marking # marks Mortality Site: Carcass located: 1)under tree/shrub 2)in open Prey slid/moved: Y N ? Carcass covered: Y N Cover material How far (m) \_\_\_\_\_ Carcass moved postmortem: Y N ? Distance dragged (m) Signs of struggle or chase: Y N Scavengers present: Y N # observed: 1)wolf 2)cougar 3)coyote 4)bobcat 5)bl bear 7)golden eagle 8)bald eagle 9)magpie 10)other 6)raven Cause of death (list numbers from Kill Eval. Chart and describe): 1) possible a) carnivore (list species): b) malnutrition/winter kill c) unknown, not predation d) unknown 2) probable e) other: Wolf Pack\_ 3) positive Cougar or Wolf ID if known Type: 1)ground telemetry 2)aerial telemetry Color & # of wolves observed CARCASS DESCRIPTION, UTILIZATION, AND CONDITION: Canine punctures: Y N Distance between canines (mm): upper \_\_\_\_ Location on body: Bones crushed: Y N Which bones Hair plucked: Y N ? Hide peeled: Y N Hide torn/shredded: Y N Nasal area eaten: Y N SubQ hemorrhage: at base of skull Y N ? at throat Y N ? at other site Point of first feeding: Blood on carcass or ground: Y N ? Aspirated blood: Y N ?

PREY CARCASS INVESTIGATION FORM IDAHO WOLF AND COUGAR PROJECT

Probable kill method: 1) choke 2) bite to skull 3) broken neck 4) unknown 5) other Describe kill/carcass: Utilization 1) 76-100% No soft tissue; hide usually present; generally disarticulated All organs consumed, all/most of quarters consumed; some head/neck present; partial/slight disarticulation. 3) 26-50% Organs usually consumed, major portions of several quarters consumed; head/neck 0503020 mostly intact; usually articulated. Some organs consumed; most muscle tissue intact; skeleton articulated. 4) 0-25% Carcass abandonment: Date last examined Days since last use 1) known 2) estimated Due to human influence: Y N? Evidence of another predator Soft Tissue Eaten: Organs: 1)none 2)all 3)liver 4)heart 5)lungs 6)kidneys 7)pancreas 8)spleen 9) uterus/fetus 10) stomach 11) intestines (circle for yes, underline for no) 000099 Muscle: 1)all 2)cervical % 3)thoracic % 4)lumbar % 5)pelvis % 7)L front quarter % 8)R hind quarter % 8)L hind grtr 6)R front quarter Bones found & #: 1)all 2)skull 3)jaw 4)vertebra 5)ribs 6)scapula 7)humeri 8)radius/ulna 9)metacarpus 10)pelvis 11)femur 12)tibia 13)metatarsus 7)humerus Prev Condition and Health: Tooth wear & condition: Antlers: 1)pedicel 2)velvet 3)polished 4)NA Metatarsus length (cm): Left right External scars/wounds: Y N Bone fractures/injuries: Y N Organ/tissue abnormalities: Y N Describe Bone Marrow: 1) solid/white 2) solid/pink 3) soft/pink 4) solid/red or yellow 5) gelatinous Body Fat: subc) fat: Y N ? omentum fat: Y N ? kidney fat: Y N ? other Arthritis: vertebrae: Y N ? Type: 1) cervical: # 2) thoracic: # 3) lumbar: # pelvis (acetabulum): Y N ? 1) rt 2) lft 3) both femur ball: Y N ? 1) rt 2) lft 3) both other arthritic joints: Y N specify severity: 1)slight 2)moderate 3)severe Describe Jaw Necrosis: Y N Upper: 1)slight 2)moderate 3)severe Lower: 1)slight 2)moderate 3)severe Disease and Parasitism: (ticks, lice, lung worm, liver fluke, tapeworm, muscle cysts) Parasites present Infection: 1) light 2) moderate 3) severe SAMPLES COLLECTED: Carnivore : 1) scats: # 2) hair 3) other Photo #s Prey: Bones: 1) skull 2) jaw 3) femur 4) humerus 5) metatarsus 6) pelvis 7) vertebra 8) hoof Teeth: I<sub>1</sub> I<sub>2</sub> I<sub>3</sub> I<sub>4</sub> C<sub>1</sub> PM<sub>2</sub> PM<sub>3</sub> PM<sub>4</sub> M<sub>1</sub> M<sub>2</sub> M<sub>3</sub> 1)upper L 2)upper R 3)lower L 4)lower R Other: COMMENTS:

9/4