

"*Rite in the Rain*"[®]

ALL-WEATHER WRITING PAPER



HORIZONTAL LINE

All-Weather Notebook

No. 391

<i>Mtn Lion / Wolf</i>
<i>Field Notes - Jan - 2000</i>
<i>Mike Schlegel</i>

4 5/8" x 7" - 48 Numbered Pages

²
1-3-00-1

Mtn Lion Frequencies

- #1 - 9.867 Cabin Cr - ♂ G/B
- #2 - 9.254 - Cave Cr - ♂ G/Y
- #3 - 9.820 - Cliff Cr - ♀ GRN
- #4 - 9.564 - Rush Cr - ♀ Blue
- #5 - 9.778 - Cabin Cr - ♀ BRN/Purple

Wolf - Chamberlain Pack

- B-9 - 8.105 - ♂
- B-16 - 8.045 - ♀
- MICA - 8.860 - ♀
- B-50

Wolf - Thunder Mtn Pack

- B-22 - 8.710 - ♀
- B-57 - 8.864 - ♂
- B-58 - 8.810 - ♂
- B-59 - 9.652 - ♂
- B-71 - 8.995 - ♂

Wolf - Stanley Pack

- B-72 - 8.975 - ♀
- B-38 - 8.770 - ♀

1-3-00-2

Drug for Mtn Lion

100 lb Lion %

Ketamine @ 200 mg/ml = 1-2 ml

Ketamine @ 100 mg/ml = 3-4 ml

Rompun @ 100 mg/ml = 0.2-0.4 ml

Taylor Ranch e-mail %
tayranch@uidaho.edu
Hard field unit %
hwiz@orbcom.net
hwil@orbcom.net

Mtn Lion Blood Sample

- collect ≥ 15 ml
- Add 1.5 ml to each of 4 storage tubes containing 13.5 ml buffer
- Store tubes at Room Temp.
- Rest of Blood in Blue top tubes

Flew From McCall to SoFK Ranch to pick up Pete. Flew to Taylor R.
Jim + I did telemetry flight for mtn lions + wolves - wolves in cow CR Area - Saw 5
- Located 3 mtn lions - Cabin Cr - Tokeup Basin + Pioneer Cr

1-3-00-3

Reviewed project objectives + protocol w/ Jim in evening
 → May have heard a wolf howl near Taylor Ranch ± 1630 hrs
 → 7 elk between 2 + 3 benches - 1 calf + 6 ♀
 → ± 30 bighorn sheep with the elk counted 28 however it was ± 1700 hrs and they were bunched up.

1-4-00-1

Jim + I packed and rode to Cabin Cr - Arrived ± 1300 hrs - SABU 3 elk on 1st Bench at Taylor Ranch in early am - After un-packing + talking to Holly Jim + I hiked up to the Ridge line East of the Cabin - Received a signal from the Alpha ♂ + ♀, plus the subadult ♀ - ~~They~~ We saw 5 wolves on the face across from us - 3 of the 5 had transmitter collars. I took some video footage. We watched the wolves for nearly an hour.

1-4-00-2

Jim + I hiked south down the Ridge separating Spring Cr + Cabin Cr - The wolves moved out of sight to the NE into Cow Creek. While traveling down the ridge Jim + I encountered wolf sign on the ridge - Beds - Tracks + scat. All the scat had deer hair. Neither Jim or I had any baits to collect the scat so we protected it for collection tomorrow - While returning to the Cabin it began to snow hard - It quit snowing about 1730
 → SAW 10 elk on Unvegen Ridge West + a little North of the Cabin
 → While walking south on the Ridge Jim + I heard a Raven in Spring Cr

1-5-00-1

Jim + I hiked up on the ridge between Cabin Cr + Spring Cr

1-5-00-2

We collected wolf scat & classified
34 elk on Vandy Ridge & 23
below where we saw the wolves
yesterday. We also saw a
Raghorn bull, one cow & 2 calves
on the Ridge near where we
last saw the wolves.

From Deer location we picked
up signs on all 3 wolves -
up Cow Cr., plus the cabin
on I. mtn. side.

We hiked up the Ridge separating
Cabin Cr. & Cow Cr. to $\pm 5850'$
The wolf signs were mostly
up the ridge from our location.
The mtn. sign signal was in
Cabin Cr. It appeared the
wolves were moving as the
signal from all 3 got weaker.
We dropped off the Ridge to the
East & hit the Cow Cr. trail
& back to the air strip.
No sign of wolf activity in the
creek bottom.

1-6-00-1

Wolves howled at 0230
and again at ± 0300 - Both times
sounded close by.

Got a signal from the cabin
on all 3 wolves ± 0200 .

Jim & I hiked to Travis's
camp to use his backcountry radio.
We saw wolf tracks on the
air strip near the spring.

~~After~~ After using the radio
Jim & I returned to the cabin
and were going to go up the
draw near the spring & cross
over into Spring Cr. Near the
water spring on the air strip
I found some elk hair
& wolf tracks. I discovered
a cow elk carcass in the
brush off the west side
of the air strip. It was
basically 100% consumed.
~~Jim & I~~ Jim & I could see
2 wolves on the hill to the
east of the air strip. They both
moved up the hill & out of

1-6-00-2

Sight.

Jim decided to follow our original plan. I decided to hike up cow cr. to see if I could determine how the wolves were moving between the area east of the airstrip & the Ridge separating Cabin Cr & Cow Cr.

At the upper end of the airstrip I found 7 sets of wolf tracks coming off the Ridge separating Cabin Cr & Cow Cr and onto the airstrip.

I continued up the Cow Cr trail to where Jim & I hit the trail yesterday. About 25 yds from that spot I found lots of elk sign above & on the trail. I also found a single wolf track on top of the elk tracks heading down the trail. The wolf track left the trail and continued down stream above the trail.

I followed the elk tracks on the trail upstream until the elk left the trail. I did see 1 wolf track going upstream

1-6-00-3

on the trail. It left the trail & went up hill about 25 yds upstream from where Jim & I hit the trail yesterday.

I began hearing Ravens so I began working up hill for a location.

I encountered 1 set of coyote tracks about 1/4 mile up stream from where Jim & I came down yesterday. It was traveling upstream. While working up hill the wolves began howling at 1430. They continued to howl for about 1/2 hr. I could see 1 wolf on the Ridge separating Cabin Cr & Spring Cr. It was howling as I would see his head raise & then hear the howl.

While listening to the wolves, I saw a Raven fly from the top of the Ridge ^{near} where Jim & I stopped yesterday to the Ridge separating Cow Cr & Cabin Cr. It landed in a tree, called a couple of times

1-6-00-4

and flew back to the ridge above me.

I continued up to where the Ravens disappeared. Along the way I saw 6 ♀ elk. I also noticed fresh deer sign in the area.

When I got to the Ridge Jim + I hiked yesterday I found wolf tracks coming down the Ridge. I saw 2 Ravens leave the saddle area. The elk were very keyed in on the area the Ravens were calling from.

I could find no evidence of a kill despite the Raven activity. I took some video of the wolf tracks (Forgot to mention I took video of the carcass at the airstrip) and began to follow the Ridge toward the airstrip. About 100 yds from the saddle I encountered more Ravens but no evidence of a kill.

While following the wolf tracks down the Ridge I

1-6-00-5

noticed several places they appeared to be chasing each other. I also found a place where they ran on elk for a short distance. One wolf went down close + tried to cut the elk off.

I followed the tracks down the ~~out~~ ridge to the airstrip + returned to the cabin at ± 1730.

1-7-00-1

Wolves travelled down Cabin Cr part the Cabin around 2330-2400 hrs - lots of howling.

Monitored the wolves + ♀ mtn lion in Cabin Cr in AM. The wolves were across Big Cr toward Canyon Cr. Received a signal on the adult ♀ + Sub adult ♀ - Not on the mt. The mtn lion was in Cabin Cr drainage - West Side.

All of us travelled to Travis' camp - used the radio to call Pete

1-7-00-2 -

and Arnold Aviation. Told Arnold Aviation Jim & I would travel to Taylor Ranch to make a telemetry flight. ~~That~~

Holly tried the wolves & mtn lion after we returned to the cabin on airstrip. She picked up a signal on the W. wing where the 2 S were located. The mtn lion had moved into the N. Fl. of Cabin Cr.

Holly & Renan were going to look for sign where the wolves have been hanging out. Jim & I took the stock to Taylor Ranch.

Saw a coyote in Cabin Cr below the cabin & on east side of stream. Also saw lot of Coyote sign on the ice along Big Cr between Cabin Cr & Taylor Ranch.

Saw a bobcat track on the trail, plus a mtn lion track at Cliff Cr - It came up the trail from the Taylor Ranch Bridge.

Saw 6 Bighorn sheep between the 1st & 2nd Camps.

1-7-00-3

Unloaded Stock - called Arnold Aviation - No flight today - Scheduled one for tomorrow AM.

1-8-00-1

It was snowing at Taylor Ranch this AM.

Pete picked up Pioneer Cr to check on the Rush Cr & mtn lion. Jim & I discussed the protocol re the wolf / mtn lion work.

We also discussed his bear paper and the Editor comments.

Pete did not return so I assumed he was having trouble getting a signal. I took a Receiver / Antenna & hiked to the high point behind the cabin. I tried the Rush Cr, Cliff Cr & - No signals - I also tried the wolves - No signals. Ret. to cabin - Pete had returned & reported a signal from the Rush Cr & in Pioneer Cr.

1-8-00-2

Pete + I hiked to the Big In
Gorge below Goat In. on the
way we saw a fresh bobcat
track at the U of ID Property fence
on the lower pasture. It went
to Big In + turned up stream.
Between the Fence + the point
down stream near the lick we found
another set of Bobcat tracks on the
trail. The tracks left the trail
on the creek side. \pm 50 yds
later the tracks crossed the trail
& went up hill. I noticed some
blood in the track. Pete saw
a dead deer below the the trail.
It was a ♀ mule deer fawn.
The carcass was still somewhat
limber and warm to the touch.
The anal area showed evidence
of scavaging. There also appeared
to be some claw marks in the
eye area. I viewed the carcass.
We didn't see anything of
interest on our trip to the gorge
& back.

1-8-00-3

The bobcat was on the deer
carcass when we returned.
Pete saw the cat cross the
trail + head up hill. The cat
had eaten more of the carcass,
again in the anal region.
I found the posterior 1/2 of a
weasel at the U. of ID gate.
Because of the afternoon snow
storm I could not determine
what killed it.
Returned to Taylor Ranch.
Holly + Renan had just
Returned from Cabin Cr.

1-9-00-1

After breakfast, Holly Renan,
Pete + I hiked east of the old Lobs
and got in position to look at the
deer carcass the bobcat killed
yesterday. The bobcat wasn't on
the carcass, however Holly spotted
it to the left of the carcass.
Several times the bobcat moved
to the carcass but was very

1-9-00-2

cautious + would leave. It finally moved up hill above the trail. Holly took still photos + I took video.

After the cat left we hiked around and performed a necropsy on the fawn mule deer (♀). It appeared death resulted from the bobcat biting into the Trachea - Because of the snow fall from yesterday we could not determine how the Bobcat caught the deer.

After returning to the Ranch for lunch, Pete + I hiked up Pioneer Ln to check on the Rustle on ♀ mtn lion. ± 1/4 mile above the water intake we saw 1 elk on the west side of the trail - 8 Ad ♀ + 3 calves. Another 1/4 mile up the trail we saw 3 mule deer, 2 adult ♀ + 1 fawn. We arrived at the old lick site below the stove camp ± 1515 hrs. Pete got a signal on the

1-9-00-3

mountain lion NE of the trail + below the trail. I played w/ the receiver and concluded we needed to go down hill. As we went down hill the signal faded out. I was working my way to a knob to get a better shot down hill when Pete found the lion kill, a ypl MD ♂. I videoed the site, Pete took a couple of still photos and we filled out the Prey Carcass Investigation Form. We finished up ± 1630/45 - Arrived Taylor Ranch 1 1/2 hrs later

GPS for kill: 0668678
4993777

1-10-00-1

WP 0663546 } = 350'
L9 5001885 } = - gain - 9

WP 0663692 } = 322'
L9 5002055 } = Top of Ridge
Gain 8.

Location attempts for mtn lion ♀ # 5 from the Ridge between Cabin Ln + Cow Ln. Never did get

1-10-00-2

a good signal. Also signal varied in intensity at both locations - i.e. Faded in + out - Probably getting a bounce

AM - Packed up Bow + Cricket
Pete + I went to Cabin Cr.

Arrived \pm 1200 - Unloaded, got water, took care of the stock, and had lunch.

After lunch Pete went up
Vinegar Ridge + I went up the
Ridge between Cabin Cr + Low

Cr. We were trying to get a
signal + triangulation on mountain
#5 - as we did not get a signal
from the Cabin / Air Strip area.

I got a signal + plotted a
compass bearing at 2 locations.
The last place was the top of
Ridge.

Collected 6 elk pellet groups
on way back to the cabin -
arrival \pm 1745.

Trovis visited in evening

1-11-00-1

Snowed \pm 10" during the night.
I hiked to Travis's Camp to call Taylor
Ranch as the batteries in the E-mailer
went dead. ~~Was~~ Ask for direction/plans
in light of snow depth. Talked to
Holly - she wanted Pete + I to try
for a better fix on the ϕ 2 mtn line #5
in upper Cabin Cr. Originally Pete +
I were to take horse feed + our personal
gear to Corey Camp. Holly said she
+ Renan would travel to Cabin Cr
later today.

When I returned to the Cabin,
Pete had the gear ready to go.
We talked things over + decided
to go to the Corey Camp. It took
us 1 hr 20 min to get to the mouth
of Cove Cr. Due to my fatigue,
Pete had to break trail.

There was fresh wolf sign on
the ice + hill sides at the mouth
Cove Cr. It appeared the wolves
went up Cove Cr. We unpacked the
stock + Rode up Cove Cr. The
wolves traveled the trail almost

Cougar Locations 1/15-1/16
mike's GPS

C-5 - WP #73 - 0663178

500 2981

cow

WP #71

0663040

500 2993

WP #72

0663976

calf

500 1861

668678

499 3777



1-11-00-2

To the old Log Cabin. We tried for a signal on the wolves & Mtn Lion - No signals.

We rode to the Big Ca trail & packed the stock. ~~And~~

→ Picked up a fresh wolf scat at the Big Ca / Cove Ca Trail Junction.

⊗ worked out the wolf tracks & found the west east in Cove Ca.

When we got to the Cabin Ca Cabin we got a signal on all 3 wolves up Cabin Ca & on the west side of the drainage.

After unpacking the stock, Pete & I rode up Cabin Ca to locate ♀ mtn lion #5. We tried the stock near where we thought we located her yesterday. We hiked up the hill on the east side of the drainage. We got the strongest signal near a Rock Bluff area on the west side of Cabin Ca (the same area I have been getting signals). Pete went a little higher & on ridge upstream for another fox.

1-11-00-3

He said the strongest signal was now on the ridge downstream from the Rocky Bluff.

While I was returning to the stock I saw one group of 4 elk (3 ♀ + 1 spike) on the east side of Cabin Ca & 1 ♀ on the west side.

Holly & Roman had just arrived at the Cabin when Pete & I got there at ± 1800 hrs.

No signal on the wolves - apparently they went back into Cove Ca. Travis visited again tonight.

1-12-00-1

Helped pack the stock - Pete & Roman left with the stock for the Coxy Camp.

Holly & I hiked up Cabin Ca to the N. Fk Junction trying to locate ♀ mtn lion #5. Got a signal on her where Pete & I tried last night. Could not tell exact location. We were not able to get a signal as we went.

1-12-00-2

upstream to the N. Fork
 We came back down stream & hiked
 up a ridge on the west side of
 Cabin Cr. The ridge downstream
 from the Rock Cliffs - Signal best
 Both down stream and on the
 east side of Cabin Cr. We contoured
 downstream until we both concluded
 the signal was coming from the
 east side of Cabin Cr in the draw
 between where Pete & I separated
 and the Ridge he made his last
 location - - Saw both deer &
 elk in the immediate area -

Tomorrow Holly & I plan to hike
 up on the east side where Pete
 and I went last night.

While hiking up the Cabin Cr.
 trail this AM we encountered
 3 sets of elk tracks crossing the
 trail. On our way out in the
 PM saw 22 elk feeding down
 the trail \pm 1/4 mile upstream from
 Travis's camp. There were 6 calves &
 + 16 ♀'s. ~~For~~ We also saw 14

1-12-00-3

unclassified elk on the face between
 Cabin Cr & Low Cr, plus approx
 15-20 to the south of where we
 got the best signal on the mt. lion.
 Saw 2 bedded deer in this area
 Too -

Travis's hunter Flew in today -
 The plane did not have skis &
 got stuck. It took them +
 nearly 1700 hrs to get it in the
 air.

No signal on wolves today - Picked up 2
 elk pellet groups

1-13-00-1

Holly & I hiked up Cabin Cr Trail to
 work on mt lion ♀ #5 again. Elk
 were on the trail again. We saw \pm 6
 from the trail while hiking up the trail.
 We got a signal on ♀ #5 from the
 Cabin this AM. ~~It~~

We got a signal off the trail
 \pm 1/4 mile down stream from where
 Pete & I tied up the afternoon
 of the 11th. We decided to hike
 up through the open timber and

1-13-00-2

come in on the downstream side of the drainage we got the best signal in yesterday. We were getting a signal all along the way but again difficult to pin-point. Upon arriving at the Ridge looking into the drainage we wanted to check, we got a strong signal in the drainage but we were certain of the accuracy. 3

We decided to cross the upper end of the drainage and try the signal from the upstream Ridge. While crossing the drainage the signal continued to be the most directional from the drainage bottom. We hiked down the Ridge to the west, trying to sort out the signal. The signal indicated we had passed the signal and it was now a little up the drainage. We cut up into the drainage & began working down toward Cabin Cr. Post way down Holly spotted the kill, an adult ♀ elk that was $\pm 60\%$ consumed.

1-13-00-3

The kill had been made prior to the snow dump on 1-10-00. There was little sign away from the kill. The lion had a bed site at the base of a large Doug Fir ± 5 meters from the kill site. I took video footage of the kill site and after we exposed the head area.

The lower nasal area was broken and the skull was crushed. The head was not frozen. The lion left the kill site to the south when we approached the kill site.

We covered the kill w/ snow & hiked down the drainage to the Cabin Cr trail and back to the Cabin. Pete & Renan were at the cabin when we arrived.

While Holly & I were hiking up the hill we saw 3 mule deer plus ± 20 elk on the west side of Cabin Cr.

1-13-00-4

Pete + I packed up + took all the stock to Taylor Ranch. Saw a mature bull elk along the way just downstream from Brown's Basin.

at the U. of I.D. gate across from Rush Cr - we encountered fresh mtn lion tracks.

There were several places on the trail between Cabin Cr + Taylor Ranch where we saw tracks but deep snow prevented I.D.

Pete saw elk + deer I did not see on our Return trip to Taylor Ranch.

1-14-00-1

No sign on Rush Cr of mtn lion from 1st Bench.

NO sign from ridge on West side of Cliff Cr

1-14-00-2

Mule left Cabin Cr (one Train borrowed from the Flying B) - Broke the fence down + continued down Big Cr.

Could not sort the lion track out at the gate - I assume the lion walked up the trail + we didn't notice the track yesterday until we got to the gate. The snow yesterday was real dry + powdery and tracks were hard to identify.

Tom + Dick Weber rode to Taylor Ranch looking for the mule. They stopped + visited for a while.

Saw sheep tracks on the west side of Cliff Cr - went into Cliff Cr

Jim made a Fixed Wing Flight in the

1-14-00-3

early afternoon - Could not find the
Rush Cr & Mtn Lion - Lion's #5
and #2 were in the Cabin Cr
drainage - 1 in Cow Cr + 1 in Calf Cr
The wolves were in Ramey Cr.

Pete + I moved the supplies that
came in on the plane -

I worked with both Receivers
during the afternoon. The Telonic
Receiver provided a much more
directional signal.

The gain on the Communications
Specialists, Inc Receiver appears
to be very critical - Too much
and/or too little gain. Fails to
provide a good directional signal.

Trovis rode down to tell
us a mtn lion killed one of
his hounds - the injured one -

1-15-00-1

Rained most of the night -
Quit by ± 0800 hrs.

Jim, Pete + I packed the Stock.
Jim + I Rode to Cabin Cr -

While packing the Stock, we heard
a coyote howling near the 1st bench.
While traveling to Cabin Cr we
saw 1 set of ~~the~~ coyote tracks cross
the trail. Also saw 4 cow
elk on the Southside of Big Cr
& just downstream from Lowbear
Basin.

Jim + I unloaded the stock at
Cabin Cr. We then Rode up the
Cow Cr trail. Saw 11 cow elk
on the face between Cabin
& Cow Creeks -

We Rode to the saddle between
Cow Cr + Calf Cr. Got a signal
on ♀ mtn lion #5 in the general
direction of the saddle on the
Ridge separating Cow Cr + Cabin Cr
slightly to the North of the
Saddle.

We got a signal on the

1-15-00-2

Cliff Ln & mtn Lion #2. We got a strong signal in Calf Ln just below the saddle ^{where} we trail up. The signal suggested the lion was moving. We left for camp at ± 1630 hrs.

On the trip back to Cabin Ln we saw on a adult mule deer on the west side of Cow Ln just downstream from where Holly & Renan found antler ¹⁰ shed today.

Holly & Renan saw at the Cabin when we entered.

1-16-00-1

Rained most of the day -

AM @ Jim, Holly, Renan + I rode the Stock up Cow Ln to where Holly & Renan got the location on C-5 and where Jim located her from the air. There were lots of Magpies & Ravens working in the area. Jim & Renan Rode up Cow Ln

1-16-00-2

to the saddle looking into Calf Ln where Jim & I located the Cliff Ln & mtm Lion - #2.

Holly & I hiked up the hill to check on the bird activity. we found a ♂ elk calf C-5 had killed. It was partially eaten but not covered. The lion tried to cover the carcass but there wasn't much ground material available. We photographed the carcass - both still + video - we also examined the carcass for kill wounds - Found puncture wounds in the throat area.

The GPS coordinates at the kill site are 8 066 3976
500 1861

It appeared the calf was killed uphill from the consumption site. Photographed what appears to be ~~the~~ a drag trail in the snow.

- Signal on #5???

Holly & I returned to the Cow Ln trail + Rode the Stock up

1-16-00-3

the Cabin Ln trail to the draw where we found the adze cut cow elk kill #5 made earlier. No signal from the area so we hiked up to the carcass. There were magpies, Ravens + a golden eagle on the carcass. No evidence that #5 had returned since Holly + I found the kill on 1-13-00.

We examined + photographed the carcass. Also collected the lower jaw + the femur and scap.

The lungs, liver + heart were still in the carcass and not much meat had been consumed from the Rt front leg/shoulder or along the back bone. The ribs had been chewed on but not devoured.

The appearance of the uterus indicated the cow was pregnant. Both horns enlarged. A fetus was not found - there was a hole in the uterus.

There was fat around the heart, the liver looked good and there

1-16-00-4

was fat in the muscle areas. Holly + I returned to the Cabin. Jim + Ronan were there. We packed up + went to Taylor Ranch.

I left B-A the stock and walked. Saw where Travis + his hunters were working a mtain between Cabin Ln + Taylor Ranch.

When the stock arrived at Taylor Ranch took care of stock + personal gear.

1-17-00-1

Plotted some of the GPS UTM coordinates on topo maps.

Reviewed + commented on Jim's Bear manuscript. Reviewed my comments with Jim.

Packed + Flew to McCall

2-3-00

Ron Sheper + I Flew to Taylor Ranch w/ 2 of Rons hounds.

Stayed the night at Taylor Ranch

2-4-00

Loaded supplies + equipment onto stock. Also dog boxes w/ clogs. Ron, Pete, Renan, Runt.

Rode/walked to Cabin Cr. The dog boxes worked great. Saw lion tracks across Big Cr forming into Cabin Cr Flats. - See Jim's notes for specimens as we all contributed to his notes.

Stayed the night at Cabin Cr.

2-5-00

Loaded stock + rode/walked to Coxey Cr Camp.

Found lion killed elk

2-5-00 cont

just down stream from Gordon Cr.

Got sign on both \varnothing wolves near mouth of Buck Cr. Continued to Coxey Camp. See Jim's notes

2-6-00-1

Investigated lion kill near Fork of Coxey Cr \pm 1/2 mile upstream from camp. No fresh sign. 3 wolves traveled up Coxey + went up the RT Fk.

We went to Big Cr + traveled upstream. Rough going in deep snow.

Ron + I started walking back to camp. Saw 2 lions \pm 1/4 mile downstream from camp.

The dogs were w/ the stock. Ron + I watched 1 of the lions for \pm 25 min - when the

2-6-00 cont

Stock arrived - we decided to turn out on the Livers even though we knew they were young. It was also ± 1630 hrs.

Treed one of the cats, arrived at the tree ± 1730 , Decided against desting.

Ret to camp

2-7-00-1

Ren + I went to location we need the Livers yeast. to see if the Livers was still in the tree + for the adult I had returned. The cat was gone + we did not see any adult tracks.

Ren + I returned to the trail + headed for Cabin Cr. We stopped at the Kill near Gordon Cr. No signals from wolves at Buck Cr. There was

2-7-00-2

however, bird activity there. Also, no Livers or wolf signs at Kill site - we found on 2-5-00. Renan, Pete + Jim led a write-up on the Kill. Ren + I headed down stream.

We encountered wolf tracks on the trail $\pm 1/4$ mile upstream from Cove Cr. I tried for a signal up Cove Cr. - None.

We continued toward Cabin Cr. Wolf tracks all the way out they appeared very fresh. Still no signals.

Jim, Pete + Renan caught up w/ Ren + I just down stream from Cabin Cr. - again very fresh wolf tracks but no signal. Ren + I hiked to Taylor Ranch + flew out to McColl

3-1-00

Pete + I Flew to Taylor Park.
 arrived \pm 1200 hrs.

We hiked up Big Cr to Lion
 Hill just above Rush Cr. Did
 a write-up on the Deer Hill
 + Ret to Ranch.

I hiked down Stream to Coogan
 Cr. Saw an old lion track
 near the Indian teepee pits
 plus an adult mule deer.

Ret to Taylor Park at 1000 hrs

3-2-00-1

Packed for trip to Cabin Cr.
 Saw 30 deer near 3rd Bench.

7/8 Fawns in the group. Also

Saw 22 sheep between the
 2nd + 3rd Bench - 17 ad. ♀,

(1 w/ collar) 4 Lambs + 1 (♂-1 yr.)

Pete, Jim + I hiked to
 Cabin Cr. Got a Faint signal
 on 1 of the wolves near Brown's
 Basin.

Jim Ret to Taylor.

Pete + I got a signal on calf

3-2-00-2

3 wolves seen. The signal was
 coming from the drainage between
 Spring Cr + Big Cr / Cabin Cr.
 We hiked up the ridge to
 isolate the signal.

Saw \pm 30 elk on the ridge
 between Spring Cr + Coogan Cr.

Also 1 Roanoke + 2 ♀ in head
 of drainage. The wolves were in.

Later in P.M. saw 3 deer
 - with large group of elk

- also saw 2 deer on the
 ridge between Cabin Cr + Cow Cr.

Saw 4 elk on Vanege's ridge.

cut signal on the Cabin Cr.
 Lion C-5.

3-3-00-1

I went to the drainage downstream from
 Spring Cr where we got the signal yest.
 pm. No signal from wolves on Rush
 Cr ♀ mt. I hiked up the ridge
 on the left hand side of the drainage to
 where the drainage turns north. Just up stream
 from the bend I crossed the drainage + hiked

3-3-00-2

to the top of the Ridge looking into Browns Basin. Tried for wolf/lion signal - None. I hiked the Ridge to the N-NE to the head of Browns Basin $\pm 6700'$ -

Tried for signal - again Nothing.

Saw 1 adult mule deer on the head of Browns Basin. Also saw 2 groups of elk on the North side of Spring Cr. 1 group of 7 + 1 of 4. No Comp data.

Return to Cabin via So Ridge of Spring Cr to $\pm 5200'$. Then dropped into the So FK of Spring Cr + took Spring Cr trail to Cabin. Arrived ± 1730 hrs -

Did not see any Fresh wolf or mtn lion sign today. Did see 2 sets of Coyote tracks - 1 at $\pm 5800'$ on the Ridge on the West side of Browns Basin + 1 on the So FK of Spring Cr at $\pm 4600'$

 3-4-00-1

Pete + I hiked up cabin Cr to the draw on the East side where C-5 made kill #4. We hiked up the upstream

3-4-00-2

side of the draw 3-400 feet. Located C-5 in the draw just downstream from the Rock face on the west side of Cobinka.

We saw rovers at the Kill Pete saw yesterday. This kill was in the 2nd draw downstream from the Rock face. We decided to set tight to see if we could see birds working the draw C-5 was in. While watching we heard a mtn lion vocalize twice. The first time was between 1025 and 1030. The 2nd time was 1045-47. The 1st was the loudest + most variety.

We waited until ± 1200 hrs w/o seeing any bird activity.

We hiked up to the Kill site downstream from C-5. It was near some Rocks Holly + I handled post on 1-12-00. It was an old ♀. Est. age at 18/20. Elev. 5570'

UTM = 0662281 + 5003308 (WP76)
 Collected data + specimens + set to Cabin -
 2 sets of lion tracks on trail - one small

3-4-00-3

probably a juvenile - headed up stream.
The other appeared to be an adult
& was headed down stream.

Cleaned up at cabin + built hitch
poop.

In PM hiked to Cabin Cr Flats -
No signal on Bush Cr & mtain
on the rocks.

Saw Redwing black birds along
cabin cr.

Saw 11 elk (10 in group) on the
slope I hiked yesterday - ~~also~~ head of
draw down stream from Spring Cr.
also saw 4 mule deer - at least 1 fawn
on slope across from end of Cabin
Cr strip. Ret to camp \pm 1800 hrs

3-5-00-1

Pete + I hiked up Cabin Cr to check
on C-5. She was not where she
has been the past couple of days.
moved up stream. We looked for a kill
around the Rock area we located her
yesterday. I hiked up the draw on
the down stream side of the Rock

3-5-00-2

feet and Pete skated the rocks
on the upstream side. Pete + I
met at \pm 5800'. Pete checked
another \pm 300' up the draw. We did
not find a kill or any evidence of
a kill, also no indication the
lion was moving up or down
stream from the Rock area she
has been frequenting.

I did find elk + Moose sign
in the draw.

Pete + I returned to the cabin,
cleaned up the cabin, packed
our personal gear and hiked to
Taylor Ranch. Left Cabin Cr
at 1900 hrs + arrived at Taylor
1635 hrs.

- Saw 2 elk skyline on Voyager
Hill ridge from the cabin in the Am.
No other game observed.

Did see coyote track on the Cabin
Cr Trail near where C5 has been
located.

- We relocated C5 in the draw
on the upstream side of the Rock

3-5-00-3

face. She appeared to be moving
and our last location was
on the center ridge in the
drainage.

3-6-00-1

Hiked to "Vern's Saddle" & checked
for wolves, the Rush Cr & mtntion &
the Cliff Cr of mtntion. No signs.
Hiked to the Ridge Looking into Pioneer
Cr & check for signs - again, none.
Hiked down the Big Cr trail to
Big Cr Gorge - Saw 8 Ad & elk in
the timber flat \pm 150 meters upstream
from Goat Cr. Saw a Pileated Woodpecker
just down stream from the saet lick plus
a Kingfisher on the up stream side of
the saet lick.

Did not see any predator signs on
the trail to the Gorge & back.
Hiked to the 2nd Bench at Cliff Cr.
Saw 11 sheep on the 3rd Bench
in groups of 5 & 6 (1 Lamb). Also
saw 11 male deer - 3 F & 8 Ad

3-6-00-2

Ret to Taylor Ranch.
Visited w/ Ronn re the Bone
Morrows drying technique & Results.
- Saw 2 more groups of sheep on
the 3rd Bench - 10 & 7
- 2 sheep along the trail on the face
between the 3rd Bench & The Ridge top
to the East.

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