

"Rite in the Rain"®



ALL-WEATHER

LEVEL

Notebook No. 311

J. AKENSON ↔ Taylor Ranch

11/28/98 →

FIELD NOTES



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Project Wolf-Cougar Predation

CONTENTS

COUGAR CAPTURE

| TIME | PAGE | REFERENCE | DATE |
|-----------------------------|-----------------|--|------------------|
| (16) | vol. 1 | ^{c cleaned up Cabin} Packed in Coxe ^{Locat ed} Camp, Chamb. Pack | 11-28 → 11-30 |
| (16) | vol. 1 | Packed stock feed/out wood @ Coxe (Shed 3 mules) Coxe/boat, Pioneer Crk | Dec 3, 4 |
| (16) | | Searched T.R. area for Coug. tracks | Jan. 6, '7 |
| 26 | 10 | To Cabin Cr. Hunt locally | 1-8-99 |
| | 10 | Collared ad ♂ #1, ^(Cabin Cr.) dogs wounded ^{back to TR} | 1-9-99 |
| | 10 ⁺ | Pursued 2 of 4 lions, Cliff Cr. | 1-10-99 |
| 22 | 10 | Collared ad ♀ #2, ^{-wolf on lions} Cliff Cr. Kill- | 1-11-99 |
| | 8 | Travelled from T.R. to Cabin Cr. | 1-12-99 off |
| | 9 | Searched up Cabin Cr. for tracks | 1-13-99 |
| 40 | 10 | Travelled to Coxe Camp | 1-14-99 |
| | 10 | Searched both forks of Coxe " B.C. trail to Acorn | 1-15-99 |
| | 10 | Camp killed by wolves @ Garden Cr. | 1-16-99 |
| (104 hrs.) | 11 | Searched Coxe, garden, Mile High collared ad ♂ #3 | 1-17-99 |
| | vol. 1 | Coxe camp → Cave Cr. to Forks, → TR | 1-17-99 |
| | vol. 1 | Saw lg. ♂ cougar on elk kill - Rush | 1-24-99 |
| | 10 | Travelled to Coxe Camp + 1 wolf, 1 ♂ kit tracks | 1-28-99 |
| | 10 | 2 ♂ freed E. FK Coxe. | 1-29-99 |
| | 10 | Treed ♂ off of elk kill | 1-30-99 |
| | 9 | Travelled from C.C. to T.R. ^(wolf activity @ C.C.) | 1-31-99 |
| | 7 | Searched Rush, Pioneer, cliff → to boat | 2-1-99 |
| | 5 | Collared yng. ♀ #5, Pioneer Rdg. - Rush | 2-2-99 |
| | 8 | Collared yng. ♀ | 2-3-99 |
| | 5 | Travelled back to T.R. | 2-4-99 |
| 1 59 104 103 +5 | | 168 hrs. Bear/Equip organ. | |

✓ trxu

J. Aikenson

Big CR. ELK

3-23-99

Taylor Vic.

45 elk: 6 bulls (2 mat,
4 raghorns), 38 cows, 1 calf

3-28/29-99

W. Cabin CR. → Coxe

118 elk: 6 bulls (2 mat,
4 raghorns) 103 cows, 7
calves.

3-23-99

Rush CR. → ^{E.}Cabin CR.

43 elk: 5 bulls (2 mat.
3 raghorns), 36 cows
2 calves

206 ELK: 17 bulls (6 mat,
11 raghorns), 177 cows, 10 calves

2
11

14

20

10

16

16

20

10

17

134 →

March HRS.

168 →

Jan HRS.

302

March & Jan.

32

Nov. - Dec.

334

11-28-98

Packed gear (Coxey) to Cabin Cr.
cabin (Raining)

- Cleaned up rat mess, cut firewood

11-29 Packed up and went to Coxey
Cabin to set up camp
= encountered wolf tracks
from Cabin Cr → Coxey ± 5
individuals

- Spent all pm setting up the
camp, cutting firewood, organizing.

11-30 Finished camp chores - built
a feed rack out of an old
ladder.

- Saddled and rode to Mike Hi
Ranch

= Got signal on Chamberlain Pack
(all 3 collared) in Garden Cr.

- Towhead Basins - N. center
sec. 21 ⁵⁰010500 N. ⁶⁰57880

- Ⓚ - Found a wolf killed calf
elk E. center Sec. 21 in Cr.
bottom.

= We apparently bumped the
pack as they moved off to

Vinegar Hill. Last signal up Cabin Cr. on W. side.

12- (K?) Enroute downstream we observed a dead lamb beneath a cliff this (E.) side of the Gooseneck. An eagle had been on the carcass, but no other evidence of predation... this lamb may have fallen to its death.

12-3 Tried for signal on wolves @ Cabin Cr. - Garden Cr. - Coxe Cr., nothing recieved.

Hauled 8 bags of cubes, 1 bag grain to Coxe camp

12-4 Sawn wood, fortified tent, rectified dog houses.

C.T. 1 sub. cougar track on lower end of Coxe tr. → Garden flat. 1 larger track heading upstream, fording to Vines Cabin vic.

1 bobcat track @ Cabin Cr. cabin.

= No sign of dead lamb below the Gooseneck.

12-11 Hiked to Cougar Cr.

- 2 bobcat trks - TR → Cougar

- 1 ad. ♀, 1 kit.

= 1 Cougar going from Cougar Cr. to T.R.

3 7/8" w. track, front Rt.

1-8-99 W.C., D.A., J.A.

Track • Took the mules to Cabin Cr.

- Sm. ♀ trk. → TR to Lohamer

same? { - Med. ♂ up Spring Crk.

- Med ♂ up Cow Crk. - Cabin Cr.

- smaller trk. Cabin

• Rd. up S. Spring Cr. : NO wolf signals in area.

61-9-99

West

Cabin Cr. flat

219.867

yellow/Brown

#1 Ad ♂

3cc - 2 ket., 1 C-5 Tape

Neck 15"

Head width 18 5/8"

Length Body 84"

Chest Girth 28"

Front Left Pad 3 1/2" across Toes

Heel Pad 2 3/4"

Hind Left Pad 3 1/2" Across Toes

Heel PAD 2 1/4"

2x $\left\{ \begin{array}{l} \text{Heart } 96 \text{ pulse} \\ \text{Respiratory } 24 \end{array} \right.$

Left front Mid ear Ripped

Infection Front - Lower

Jaw gum - Panalog

front ~~AA~~ Pads Tore

Total Weight 140 lbs

FAIR Condition

Blink Response 35 min

from induction

Put Panalog in all wounds

Front Left K-9 1 1/4"

All teeth good

#1 jumped off of an elk Kill - ^{cat} ~~cat~~- ^{Lower} jaw's leg bone collected

- (K) • Kill against a lg. down log...
made @ or nearby
- burying effort made
- Kill ± 1 wk. old

1-10-99 DA, WC, JA, HA

- Cut track on main trail - going up
Cliff cr., Cold trailed to 3rd bench.

vocal. Heard lion vocalization above timbered b.

- (K) • Found lion killed ewe bighorn on
slope above timbered b., lg. ♂ tracks
going to and from Kill... also ♀ w/
large kitten or 2.

• Saw lg. tom run from near Kill.

1 of 2 dogs pursued family group
while other pursued the ♂.All chases ended up in cliffs w/out
cats... rescued Heck from rocky
ledge.= Believe this ♀ has 2 lg. kits -
yearlings, one w/ track her size,
other smaller.

1-11-99

#2 219, 820 Green Tapp

2.5 Ketamine (until too active) collar -

estrus
Adult Female

76 lbs. on scale... seemed more, 85?

Panalog in dart hole

- Lowered 25' out of 30" dead fir
- = Gained normal body function after 1 1/2 hrs.

JA, HA, WC, DA checked dn up from Ranch prior to checking ewe kill above benches.

(R) yrlg. deer east nob from Ranch, all coyote tracks... Coyote Kill.

- PA, JA rode up to Mule Basin, Ad ♀ tracks visible in many places - Rescued deer gone from "fishing hole".

- HA, WC rode downstream, saw 1 lion track @ Kill above the gorge.

(R) Wolf tracks from cliff went to this Kill and on down through the gorge.

(2xK) Saw where wolf had been to sheep Kill on 2nd bench and ewe Kill above timbered bench.

WC started lion chase (#2) from N. of kill. Ad ♀ jumped tree 2x before we successfully worked her along cliff cr., W. side timbered bench. 2 sub trks. on timbered bench.

1-13-99 JA, WC, DA

Packed up and headed to C.E.

- cut wolf tracks in C.E. flat

• No new cougar tracks along route

* Signal on #1 or on Vinegar Hill - just on Curve Cr. side.

1-14-99

Searched up main Cabin Cr. -

saw tracks of ad. ♀ (smaller) in 2 places 1/2 and 1 1/4 mi. above the airstrip.

• Travelled to Coxy Camp. Wolf tracks (5 or 6) travelled the length of our trip - headed downstream

- The wolves visited #1's Kill from last week. * Sm. Cougar track mouth of Coxy and down main trail

1-15-99

Fresh snow this am. Searched up both forks of Coxy Cr. - during snow storm. Held up at camp and then went to Acorn.

(R) Documented a wolf killed deer on the downstream end of Acorn airstrip. Did predation form w/ photos - J.A./P.A.

1-16-99 W.C., D.A., JA

• Searched Coxy → Garden CR. →
Mile High back to Coxy → up
each fork of Coxy.

- (15) - Found where the wolves had
dismembered (killed likely) a coyote
at the mouth of Garden CR. -
in the flat. Collected skull from
yng. coyote.
= no cougar tracks encountered
today, snowing most of am.

1-17-99 W.C., D.A., JA

Searched Big cr. trail to Cave CR.
= Fairly fresh ♀ lion track 1/4 mi.
downstream of Garden CR.
= Encountered tracks @ old cabin
site and 1/2 mi. above - same
cat: big ♀, sm. ♂?
- Cut "hot track" just above old
cougar-camp, cat tired after
short chase. Became cougar #3
- No signal on cougar #1 or any
wolves

UTM 661,230 E, 5,000,120 N.

Green/Yellow
tape

Cave CR. ♂ #3 2.19.254

2.25 cc + .75 H₂O Ketamine

96 PLSE

17 RESP

FRONT L PAST 3 1/2 5/8

PAD 2 1/4

81" Length

32 1/2 Chest Girth

22 1/2 Head (3)

135 + OR - weight

Teeth 4/5 JA age

Finished Capture activities

@ 4:15, #3 up and moving

- Rode back to T.R., in @ 7pm

HA @ reported #2 in upper

Spring CR. - Horse Mtn., and #1

traveled the trail from Brown's

Basin to mouth of Rush CR.

Moose

EIK

DEER

1 - Cabin CR.

17 - Cabin CR.

4 - Brown's Basin

1 > upper
Coxy

8 "

1 > lower
Coxy

13 - Mile Hi

Jan 13-17

(3)

all cows

(38)

1 2 1/2 yr old bull
4 calves
33 cows

(4)

all does

1-24-99 HA, JA, GB

Hiked up Rush cr. switchbacks to shoot some signals. Saw
 (R) a lg. ♂ lion run from a cow elk kill. The elk was only 35% consumed so we got in lots of photos and sampling. This elk had a "club hock" from major leg injury. She also had very old teeth.

1-28-99 JA, HA, DA, WC, KQ

Loaded gear - 3 pack animals and travelled to Coxy - no lion tracks enroute. A lot of elk - elk signs along trail.

1-29-99

DA, JA hiked up to Coxy Fks.
 - Saw 1 ♂ track, 1 ♀ w/kit
 WC hiked toward Line Cr. - called back to run cats.
 We all (JA, HA, DA, WC, KQ) went on the pursuit, which started on a ♀ w/kit and ended w/ 2 ♂'s in a tree. The lower cat bailed, ran 400m. or so and re-treed (20' up)

= 2 day old wolf trk. up E. Fks. Coxy

Ad ♂ E Coxy Cr.

450mg
 2 missed 3rd Dart 2.25 ML .75 ML H₂O
 shots
 1/2 ML (100mg) IV
 450mg 108 BPM 24 Resp
 x2
 Girth 29 1/2"
 16" Neck est. 130#
 17 1/2" Head 3 yr. old
 82"
 Front R width 3 1/2"
 Pad 2 1/2"
 Rear Pad Right 2 1/4 Pad
 Length 2 3/4
 Front Right incisors 1 1/8"
 D - 6mL Blood
 Time → 13:21 @ 104 BPM
 26 Resp.

1-30-99

Very cold last night (0°F)
 WC left early, followed a small ♀ towards Mile High... saw 2 other trks.

The rest of us brought the stock around to Garden Cr. While searching for the dogs, we saw

Ⓡ a large cougar moving away from an elk kill (HA, K.Q. investigated) W.C. showed up with the dogs (3 of 4) and tried another act. ♂. Opted not to immobilize once we confirmed to be a ♂. Moved down to Cabin Cr. = Wolf tracks in the W. Cabin Cr. flat.

1-31-99

checked for any signals - wolves or cougars, [None] did hear wolves howl (3x) up Cow Cr.

Holly and Kathy investigated the dead cow in C.C. below the cabin.

W.C. saw where 3-4 wolves had been up Cow Cr., we also saw tracks around the cabin and an oddly wounded cow elk - bleeding from 4 legs.

Proceeded back to TR, no fresh cougar or wolf tracks seen.

Many elk in riparian area.

2-2-99
 ♀ #4 SN-14366
 FC 105
 11:58^{am} HR 160 (12.05^{pm}) - 160
 Temp 101.3 (12.05^{pm}) 101.6
 1.75 Ket. 350mg.
 Fair Condition - a bit gaunt hips and back-bone
 75 lbs. + or -
 Girth 26
 Neck 14

Length 72"

Left FP W 2 7/8"

Heal 2"

Resp. 12:07pm 10-15

Head 16"

= W.C. cut this ♀'s track in the saddle above the sagebrush flat. After a 17 min pursuit she tried 25' or a DF, w/ many branches.

2-1-99

Searched up Pioneer, Rush, Cliff and Mn. Big Cr. to Goat Basin... fresh snow last night

- saw a smallish ad. lion track on the timbered bench
 - W.C. saw med. ♀ track in Goat B., plus #1's track (♂).

W.C. saw ♂'s together tracks 1/2 mi. up Pioneer

Blue Tape 15
 last
 12, 18

2-3-99

♀ #16#5 Cabins CR. - off elk carcass

219.778 ^{LT purple, silver} _{Brown} Hand inj.

1.5cc Keta (350mg) 10 mg Xylazine

Heart 220 - 5:10 PM - 168

Resp. 16, 20.

71" Length

2.5" Girth

~~3 2/8" Pad width~~

3" Pad

13" Neck

16" Head ^{+/-}Cem. Ridge Measure - ^{N/O} 20 MOS.

Weight 72. lbs.

* incisors in but small

- #6 had 2 vomiting episodes

@ 40 and 65 mins. into induction

= Did not draw blood

- Condition Fair - Good

watched climb onto 15' rock at dark

2-20 P. Dorris located C. Pack in
Lime CR. → Acorn - pursuing for 3
elk.

2-21 Tried for cougar/wolf signals
^{snowing} up Cliff, Pioneer, and Rush crks
No signals received.

2-22 Hiked to Cougar CR. No
^{17"} signals received. Saw 6 elk,
^{snow on tr.} 5 deer, 8 sheep between New
Lick → Cougar CR., 14 sheep
came to cut bank lick

2-24 Flew Telemetry w/ John L. (A.A.)
on mail flight. Located all cats,
No wolves - ✓ study area + ^{up Big} to Pakey

#1 ♂ - W. side Lower Cougar CR.
#2 ♀ - N. side Lower Spring CR.
#3 ♂ - Mouth W. FK Rush CR. ^{Just FK} Below
#4 ♀ - 1 mi. up Rush Rd, Rush CR. side
#5 ♀ - E. Brown's Basin

2-26 Located the Rush ♀ near the
1st switchback on Rush CR. -
from Sagebrush Flat.

2-27 Holly & Janet located the Rush ♀
in the same place as yesterday.

- 2-28 (3) Located the Rush ♀ from the helicopter on an elk (saw).
Went back and set up a remote camera on the elk carcass, which is an adult cow with a bad rear hoof - hoof rot?
- 3-1 (1) Rush ♀ still on elk carcass - from Sagebrush flat.
- 3-3 (1) Returned to pull film from remote camera, only 3 pics taken. Removed camera to check out.
- 3-5 (1) Rush ♀ still on carcass, more magpie activity. No other signals on or near Kill but ♀ #5 is in mule basin vic.
- 3-7 (3) Rode to Lobauer. ♀ #5 on Big Cr. side of ridgetop about trail switch backs.
- 3-8 (2) Rush ♀ still on carcass, 80% consumed. Removed remote camera which has now taken 17 pictures.

- 3-9 Hiked to Sage Flat, Rush CR. ♀ on Kill-still. #5 ♀ sounds high on Horse Mtn. - Mule Basin. Very WK sig. downstream on #1 or
- 3-16 (4) GB & I hiked to Cougar Cr. to locate ♂ #1. Found him 1/2 mi. up the bottom, probably just up west side a bit. ± ♀ sheep in his vicinity.
= P. Dorris reported the C. Pack is in upper Cow Cr., Holly located them yesterday in upper Coxe Cr.
- 3-18 (10) Holly, me, Mica - took 5 head & 4 bags of cubes upstream, spent night at Cabin. Left 2 bags there.
* Both the Spring (#2) ♀ and Cabin #5 ♀ on the E. mule basin Kill.
Wolf tracks in cabin flat (4+)
= set up remote camera on elk carcass @ E. Cabin Cr. corner.

3-19 Checked for wolf cougar signals
(10) around Cabin Cr. before heading
up to Coxy. Checked use of e. kill @
Doe Cr.

- (K) Spotted an "inactive" elk on
ridge flat just W. of Garden Cr.
turned out to be a wolf killed
elk (very poor cond. elk). The wolves
ate only the lungs/heart and
entered rear (for fetus)? The wolves
bit this cow in the jugular and
lower abdomen... total chase 110m.
Did kill form then went on to
the camp where we found another
- (K) Kill by wolves - a fawn, 50m.
E. of the tent!

3-20 Saddled & rode up Coxy, found
(10) (K) an elk kill 1/4 mi. up W. FK.
Coxy. Lots of wolf sign at the
site. Back-tracked the chase 120m.
to the elk's bed. They (4+) nacked the
cow down 3x prior to her final
20m. slide. There were 3 eagles, 8+
ravens and a few magpies at
the site. I snowshoed up the W. FK

looking for more kills white H.
did pred. form. Also, I hiked
up ridge to place where H.
saw 2 wolves on 3/16. Found
several beds 11 or 12 w/ wolf
tracks & impression of body in snow.

photos

- (K) Found where a wolf ate a
Blue Grouse, presume killed it
to. A lot of traffic along this
ridgeline. Returned to camp.
- 2:30 Took stock up W. Coxy Rdy
to 6,000' elev. Tough going, a
bit scary for steepness w/stock.
No signals, No bird concentrat-
ions. Did not get full vantage of
Line Cr.

3-21 Saddled/packed up gear and
(10) headed downstream. Finished
kill forms @ camp, and collected
jaw @ Garden Cr.

* Picked up wolf signals on Horse M.
- both adults but not the sub
- High on Browns B. divide →
Spring Cr.

3-23 GB & I rode to Cabin Cr.
 (9) * Located #1 ♂ @ the Gooseneck
 (K) He had a fresh kill $\frac{1}{4}$ mi. E.
 of the Gooseneck - a doe, which
 was 90% buried in duff. $\left\{ \begin{array}{l} < 10\% \\ \text{consumed} \end{array} \right.$
 - Rode the cabin cr. hills, saw
 fresh wolf tracks (2) but found
 no kills.

ELK = Comped 43 elk enroute: 5 bulls
 (2 mature), 2 calves, 36 cows
 E. = @ TR 45 elk: 6 bulls (2 mat, 4
 raghorns), 1 cat, 38 cows

3-24 I flew telemetry. Located all
 (7) collars. C. Pack @ Big Ramey, Sub. F
 separated on Viograr Hill. #1 eat-
 Gooseneck; #2 cow, Mid. Cow, #3 cow, w.
 Elk Rush, #4 ♀ Rush Rdg. - above switch.
 #5 Lower Pioneer Cr.

- Holly & I rode to #1's Kill. Set up
 remote camera, the cat was nearby.
 A lot of bird use on carcass. Est.
 80% is gone.

Locations reversed?

3-25 Hiked up W. Pioneer Rdg. to try
 (4) signals on both #4 or #5. Nothing
 * on #5 but #4 was in mid. - Pioneer
 Cr. bottom. She ended up being on
 E. side of Cr. in a real rough
 area... believe in a cave - distorted
 but strong signal.

3-26 Hiked up Pioneer Cr. trail. Found
 (2) that #4 had left the drainage,
 * although #5 was on W. Pioneer
 Rdg. - midway up.

3-27 Hiked down Big Cr.
 (2) (D) Found deer carcass below Indian
 Face Rock. Appeared to die from
 multiple rock impacts - either
 fall or slide related. Fairly fresh -
 24 hrs. or less. Set up remote
 camera
 * #5 somewhere up Pioneer Cr.

4-1-99 JA, HA, B Bigelow

(B) Rode from TR to Coxy

- No signals enroute
 (see HA Notes on this day)

* Very weak signal on Sub. F wolf - E. of Coxy M.

Belongs next
 pg 5.

3-28 (19) Greg's I took the stock from TR to Coxe. Fresh lion tracks in trail coming from Male Basin to Cliff Cr.

* #2 ♀ signal in Spring Cr.
Attempt w/ sig. to Coxe

* From above Coxe Camp got signal on sub. F Wolf up drainage, by herself, no other signals.

ELK- 42 = 3 rags, 2 calves, 37 cows cabin → Coxe
18 deer

3-29 (11) Rode to Coxe Fks., Greg went up E. FK - found a fawn deer kill.

I hiked up middle Rdg to near top.

40+ mph wind kept me from hearing, but doubt there was a signal.

✓d the elk carcass @ Garden Cr.

- No more consumed!, smelly too!

ELK- diff. from 3/29 elk
61 = 1 mat. b., 2 rags, 4 calves, 54 cows
15 = 14 cows, 1 calf.
26 deer (all Cabin Cr.)

118 elk = 6 bulls, 7 calves, 105 cows
2 mat., 4 rags horns

4-2-99 (10x) JA - Hiked from camp to E. FK Line and then down ridge (E. of Line) to the "Coxe flats" - between Line & Coxe 200 m. above trail.

* Sub. F. E. of Coxe mouth - good sig

3-K's

on flat
all ± 200 m.
apart

500 m.

from HA

seeing low lvs

3-10-99 (H)

- downslope

Came upon 3 wolf kills

#30 - 2 wks old #31, #32

- ad ♀ elk (5^{1/2} left) 2-3 mos. old

- had joint injury/abnorm.

- all carcasses covered many x's

Bitterbrush, bunchgrass, etc

= Hit fresh wolf tracks just below #30 (20' from carcass). It milked then went down a soft dirt slope to hit the Main trail.

Followed 1/2 mi. to a direct departure from the trail and in ± 100 m.

(K) #33 the tracks led to another elk carcass - same vintage as #30

(2) Ravens & magpies on carcass (35% left)

= Tracked the sub F. (tracks coincide w/ a.m. signal @ Coxe Hole) on around Coxe Cr. Fik in trail

** Both Carcasses #30 & 33 had a hair trail of 40-45 m. w/ 2 "knock-downs" enroute... a lot of butt hair pulled @ 1st contact

4-3-99 JA, HA, BB

- (9) Dismantled the Coxy camp and packed it home.

Back & forth wolf tracks on the trail between Coxy and Cave cr.

- No signals along the way until
* the Rush cr. ♀ @ Rush cr. Mouth

4-6-99 JA, HA

- (8) Rode to Cabin cr.

* Signals on the sub F. and Alpha pair in Vinegar Hill direction

- (K) Found a wolf killed cow elk in the brushy riparian of Big cr. < 2 days old, examined and completed form.

Records / MeasurementsVitals

Pulse, Resp., (temp.)
 Gum tone, eyes - blink
 reflex. Tremors, convulsions

Measure.

Head, Neck, girth, length,
 pad size,
 Weight - scale (estimate)

Record

Tooth condition, cementum
 ridge measure. (Photos)
 Ear cond. - tattered,
 Note: scars, lacerations, holes.

Treat

- Any capture wounds - dirt
 hole, cuts etc.
- Other treatable ailments

Chamberlain

B-9 (M) 8.105

B-16 (F) 8.045

sub(F) 8.860

Thunder Mtn.

B-22 (F) 8.485

Cougars

#1 ad ♂ 9.867

#2 ad ♀ 9.820

#3 ad ♂ 9.254

#4 Yng. ad. ♀ 9.564

#5 Yng. ad. ♀ 9.778

Black collars
w/ tape:

Yellow/BRN

Green

yellow/GRN

Blue

Lt. purp./BRN/silver

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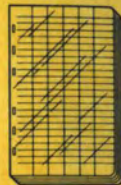
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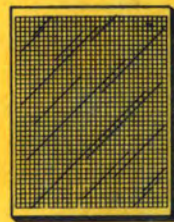
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