Montana Department of Fish, Wildlife and Parks FISHERIES DIVISION 1420 East Sixth Avenue, Helena, MT 59620

REPORT OF FISH TAKEN UNDER A SCIENTIFIC COLLECTOR'S PERMIT -- 2002 Year

| | | County and Neares | L ENTERPRISES. | Telephone No. 8 406 - 5 | Area Code |
|---|--|-----------------------------------|----------------|----------------------------|--|
| | RESEARCH | | | 700 57 | 0 300 |
| city BOZEMAN | | • | State MT | | ^{2ip Code} 59718 |
| Species Taken | ² Approximate Number Taken | ³ Size Range Inches | Gear Used | Time of Year | ⁶ Water and Location |
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| SEE ATTACH | ed spaced | HEET | | | |
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| 7/12/2002 | 0 | Heturned to stream in vicinity of capture; 13 some CUT <75mm | | N | 0 | O | 10 | 4997357 100m; 3-pass | 4997357 | 0418724 | 5 | |
|-----------|--------|---|---|------------|--------------------------------------|-------------|---------|----------------------|----------|---------|--------|------------|
| 7/12/2002 | | 24 Returned to stream in vicinity of capture | N | N | 0 | 0 | 20 | 4995991 100m; 1-pass | 4995991 | 0417626 | 4 | |
| 7/12/2002 | 0 | Returned to stream in vicinity of capture; 76 some BKT <75mm | ω | N | 0 | 0 | 71 | 4995476 100m; 3-pass | 4995476 | 0417213 | ω | |
| 7/11/2002 | | Returned to stream in vicinity of capture; 7 some BKT <75mm | 0 | 0 | 0 | 0 | 7 | 4994142 100m; 1-pass | 4994142 | 0414754 | 2 | |
| 7/11/2002 | 0 | Returned to stream in vicinity of capture; 2 some BRT <75mm | 0 | 0 | N | 0 | 0 | 4994502 100m; 3-pass | 4994502 | 0413379 | _ | Greenhorn |
| 7/17/2002 | 0 | Returned to stream in vicinity of capture; 0 some BKT <75mm | 0 | 0 | 0 | 0 | 0 | 5037197 100m, 3-pass | 5037197 | 0467307 | 4 | |
| 7/17/2002 | 0 | 0 No fish | 0 | 0 | 0 | 0 | 0 | 5036807 100m, 3-pass | 5036807 | 0467456 | ω | |
| 7/17/2002 | 0 | 0 No fish | 0 | 0 | 0 | 0 | 0 | 5038351 100m, 3-pass | 5038351 | 0467723 | 2 | |
| 7/9/2002 | 0 | 13 Returned to stream in vicinity of capture | 0 | 0 | 0 | 4 | မ | 5042098 100m, 3-pass | 5042098 | 0465153 | _ | EF Cherry |
| 8/12/2002 | 0 | Returned to stream in vicinity of capture; 70 many BKT <75mm | 0 | 0 | 7 | <u>0</u> 1 | 58 | 5033571 100m, 3-pass | 5033571 | 0467066 | ω | |
| 8/14/2002 | 0 | Returned to stream in vicinity of capture; 77 some BKT <75mm | 0 | 0 | 0 | 49 | 28 | 5037635 100m, 3-pass | 5037635 | 0471466 | N | |
| 7/17/2002 | 0 | 25 Returned to stream in vicinity of capture | _ | 0 | 2 | 17 | Ch Ch | 5038127 100m, 3-pass | 5038127 | 0474883 | _ | NF Spanish |
| 8/11/2002 | 0 | Heturned to stream in vicinity of capture; 90 many BKT <75mm | 0 | 0 | 4 | 14 | 72 | 5033718 100m, 3-pass | 5033718 | 0471508 | N | |
| 8/8/2002 | 0 | 78 Returned to stream in vicinity of capture | 0 | 0 | ω | 39 | 36 | 5037268 100m, 3-pass | 5037268 | 0474440 | _ | SF Spanish |
| 8/13/2002 | 0 | 95 many BKT <75mm | 0 | 0_ | 0 | | 94 | 5037526 100m, 3-pass | 5037526 | 0464125 | ڻ ن | |
| 8/13/2002 | 0 | Returned to stream in vicinity of capture; 155 many BKT <75mm | 0 | | 0 | 4 | 110 | 5040471 100m, 3-pass | 5040471 | 0465298 | 4 | |
| 8/9/2002 | 0 | Returned to stream in vicinity of capture; 80 additional BKT and RBT <75mm | _ | 0 | 0 | 58 | 21 | 100m, 3-pass | 5045342 | 0465353 | ω | |
| 8/9/2002 | C7 | Returned to stream in vicinity of capture; 57 many BRT <75mm | 0 | 0 | 31 | 25 | _ | 5049552 100m, 3-pass | 5049552 | 0461350 | N | |
| 8/14/2002 | 6 | Returned to stream in vicinity of capture; 66 many BRT <75mm | 0 | _ | 49 | 14 | N | 5051532 100m, 3-pass | 5051532 | 0457653 | - | Cherry |
| Date | fish | Total Fish | | oat Cutbow | Brown Cutthroat | Rainbow Br | Brook R | Description of Site | Northing | Easting | Site | Location |
| Sample | White- | Disposition of | | (>75mm) | Species and numbers captured (>75mm) | es and numb | Specie | | MIN | MIN | | |

| | | | | | | | cases. | ream in al | m to upstr | n downstrea | ered from | Sites are numbered from downstream to upstream in all cases. |
|---------|---|----------------|---------------|---------------|--------------|---------------|---|----------------------|------------|-------------|-------------|--|
| | | | | | | | d. | unharme | ne stream | etumed to t | di were re | these 25 fish - all were returned to the stream unharmed |
| - | is. It took a substantial effort to find | etic analysis. | oat" for gene | n 25 "cutthro | n clips from | 2 and took fi | Because no RBT were sampled in Greenhom Creek; I returned on 8/26/2002 and took fin clips from 25 "cutthroat" for gen | Creek; I I | reenhom | ampled in (| T were s | Because no RB |
| | | | | | | | haracteristics. | n visual c | e based o | are putativ | tifications | All hybrid indentifications are putative based on visual characteristics |
| | | | | | | | | | | | | Notes: |
| | 5 Returned to stream in vicinity of capture | 0 | 0 | 2 | 0 | ω | 3-pass | 4990413 100m; 3-pass | 499041 | 0411571 | 4 | |
| | 1 Returned to stream in vicinity of capture | 0 | 0 | 0 | 0 | _ | 1-pass | 4992523 100m; 1-pass | 499252 | 0412176 | ω | |
| | 5 Returned to stream in vicinity of capture | 0 | 0 | ω | 0 | N | 3-pass | 4992727 100m; 3-pass | 499272 | 0412327 | 2 | |
| | 0 No trout; sculpin and sucker present | 0 | 0 | 0 | 0 | 0 | 3-pass | 4994096 100m; 3-pass | 499409 | 0413364 | _ | Robb |
| media . | 0 No fish | <u>o</u> | 0 | 0 | 0 | 0 | 3-pass | 4994055 100m; 3-pass | 499405 | 0419034 | 4 | |
| | Returned to stream in vicinity of capture; 11 many BKT <75mm | 0 | 0 | 0 | 0 | = | 3-pass | 4993057 100m; 3-pass | 499305 | 0418241 | ဒ | |
| | Returned to stream in vicinity of capture; 14 many BKT <75mm | 0 | 0 | 0 | 0 | 74 | 3-pass | 4992532 100m; 3-pass | 499253 | 0417966 | 2 | |
| 1 8 | Returned to stream in vicinity of capture; 0 few BRN <75mm | 0 | 0 | 0 | 0 | 0 | 3-pass | 4991810 100m; 3-pass | 499181 | 0417415 | _ | Willow |
| | Returned to stream in vicinity of capture; 18 some BRN <75mm | 0 | 0 | 18 | 0 | 0 | 3-pass | 4988833 100m; 3-pass | 498883 | 0412932 | ω | |
| | 13 Returned to stream in vicinity of capture | 0 | 0 | 0 | N | = | 3-pass | 4991410 100m; 3-pass | 499141 | 0413934 | 20 | |
| | Returned to stream in vicinity of capture; 8 few BRN and RBT <75mm | 0 | 0 | 8 | 0 | 0 | 3-pass | 4992876 100m; 3-pass | 499287 | 0414764 | - | Ledford |

2002

SWEDEN CRK (DAY 2) - MOVING UPSTEM

SWEDEN CEK (DAY 1)

1) 12T 0463365E FISH PRESENT 5036338 N

5 12T 0463617 E 5035/06 N

TRUCK LOCATION (WALKED)
FROM HERE)

- 2 IZT 0463426E FISH PRESENT ABOVE & BELOW 5036014 N
- © 12T 0463652 E 5035600 N
- (SITES 5 6 6 LOCATED BETWEEN 3 94)

LOCATION JUST UPSTREAM
OF #3, NO FISH VISIBLE
OR SAMPLED MOVING
DOWNSTREAM FROM
SITE*5 to #6

(1) 12T 0463048 & NO FISH COLLECTED 5034496 N

STREATH OF STRIM FIROM # 6 UPSTREAM WAS VISITED TWICE]

UNNAMED TELBUTARY - SECTIONS 14 3 23

1) 12T 0465619 E APPARENT BARRIER FALLS 5036703 N FISH PRESENT UP TO THIS POINT

UNNAMED TRIBUTARY - SECTIONS 15: 22

- 1) 12T 0464185 BARNER FALLS
 5036269 FISH BELOW, BUT NOT HEOVE
- 2) 12T 046 4171 CONNECT BARRIER 503 6142 NO FISH
- 3 12T 0464478 END OF WATER 503 5819

CARPENTER CREEK

- 1) 12T 0463958 SMALL TRIB TO LOWER CARPENTER 5038311 FISH PRESENT UP TO THIS POINT (END OF FISH)
- 2) 12T 0460418 END OF FISH ON THE MIDDLE FORK OF 5038089 THE HEADNATERS OF CARPENTER (1:24K QUAD DO NOT SHOW CILK AS PRESENT @ THIS PT.)
- 3 12T 0459748 POINT ON NORTH BRANCH OF CARPENTER HEADMATERS
 5038580 FIGH STILL PRESENT
 (1:24 K DD NOT SHOW CRE THIS FAR UP)

SOUTH FORK CHERRY

- 1) 12T 0460618 E APPARENT BARRIER FALLS
 5034698 N FISH PRESENT BELOW, NOT SAMPLED OR USIBLE ABOVE
- 3 12T 0460620 ABOVE BAVLILLER 5034318 NO FISH PRESENT