MARKED GRIZZLY

No.: 78 Sex: Male

Date: June 8, 1961 Age: Cub

Place of Capture: Old Faithful Camp Ground Weight: 20

Place of Release: Trout Creek Method: Cor gun free roaming

Measurements: **Wrestling cub, measurements not good.**

Pad: R.F. L.____ W.____ Total length:____

L.F. L.____ W.____ Molar to canine:____

R.R. L.____ W.____ Right front pad only

L.R. L.____ W.____

Claw base measurement: L.____ R.____

Baculum:____ Nose to eye:____

Circ. of neck: 11" Ear length:____

Interocular:____ Dental formulae: see remarks

Molar crown measurements: Lower 1____ 2____ 3____ Upper 1____ 2____

Canine to P.M. 4 ____

Tag and Markers

R. Ear Tag No. ____ L. Ear Tag No. ____

Color: alum Color: alum

R. Ear Color Marker: ____ L. Ear Color Marker: none

Neck Marker (Area) Color: ____ Tattoo: 79 in left upper lip

Other distinguishing Marks:

Light colored V shaped collar- on chest and shoulders only.

Remarks:

Dental Formula
3/3 - 1/1 3/2 0/1 = 28
(all decidual) /barely irrupting (1st molar)

This is one of 3 cubs belonging to sow #18. The entire family captured at Old Faithful campground. This cub was released with its mother at Trout Creek on June 8, 1961. The other 2 cubs were held.

MARKED GRIZZLY

No.: 78 Sex: Male

Date: 6/16/61 Age: Cub

Place of Capture: Bridge Bay Weight: 18#

Place of Release: Trout Creek 6-20-61 Method: Dart Gun- recapture

Measurements:

Pad:				
R.F.	L. 2 3/4	W. 2 3/4	Total length: 29	
L.F.	L. 2 ½	W. 2 7/8	Molar to canine:	
R.R.	L. 4 3/4	W. 2 3/4	Rt. pad only 2 7/8 length 1 3/4 width	
L.R.	L. 4½	W. 2 5/8		

Claw base measurement: L. 7/16 R. 7/16

Baculum: 1 3/4 Nose to eye: 3

Circ. of neck: 11½ Ear length: 2 7/8

Interocular: 2 1/8 Dental formulae:

Molar crown measurements: Lower 1 2 3 Upper 1 2

Canine to P.M. 4 5/8"

Tag and Markers

R. Ear Tag No. 00-226 L. Ear Tag No. 00-269

Color: Blue Color: Green

R. Ear Color Marker: Herculite- yellow loop, white tip L. Ear Color Marker: None

Neck Marker (Area) Color: none Tattoo: 79 left upper lip

Other distinguishing Marks:

Cub of sow #18 (Sylvia)
Distinct partial collar

Remarks:

Xrayed, Impressions, teeth and R. front foot.
Recaptured July 7, 1961 at Sulphur Mountain on highway.
Released July 8 at Promontory Point, S end Yellowstone Lake.

MARKED GRIZZLY

No.: 78 (recapture) Sex: Male

Date: Sept 30, 1961 Age: Cub

Place of Capture: Steamboat Point Weight: 80

Place of Release: Steamboat Point Method: Cap chur gun

Measurements:

Pad:				
R.F.	L. 3 1/16	W. 3½	Total length: 38	
L.F.	L. 3	W. 3¼	Molar to canine:	
R.R.	L. 5 7/8	W. 3 1/8	R pad only: 3½ W 1 e/4 L	
L.R.	L. 5 5/8	W. 2 7/8		

Claw base measurement: L. 12 mm R. 12 mm

Baculum: Nose to eye: 4

Circ. of neck: 16 3/4 Ear length: 3 3/4

Interocular: 2½ Dental formulae: See dental chart

Molar crown measurements: Lower 1 2 3 Upper 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. 00-226 L. Ear Tag No. 00-269

Color: Blue Color: none

R. Ear Color Marker: Herculite-yellow loop, white tip L. Ear Color Marker:

Neck Marker (Area) Color: Tattoo: 78 in left upper lip

Other distinguishing Marks:
Tags and markers and sites all in excellent condition.
Oficinal tattoo not identifiable.

Remarks:
Impressions: dentition
R forefoot

xrays of dentition

MARKED GRIZZLY

No.: 78 Sex: male

Date: 5-13-62 Age: yearling

Place of Capture: _____ Weight: 40# (weighed 80 Sept 30,1961)

Place of Release: _____ Method: _____

Measurements:

Pad:				
R.F.	L. 3½	W. 3 7/8	Total length: 40"	
L.F.	L. 3 1/8	W. 3 7/8	Molar to canine: ____	
R.R.	L. 6½	W. 3½	Rt. foot pad 1 7/8 X 3 7/8	
L.R.	L. 6½	W. 3½		

Claw base measurement: L. 20 mm R. 20 mm

Baculum: _____ Nose to eye: 4½

Circ. of neck: 17 Ear length: 4"

Interocular: 2 5/8 Dental formulae: _____

Molar crown measurements: Lower _____ Upper _____

1 ____ 2 ____ 3 ____ 1 ____ 2 ____

Canine to P.M. 4 _____

Tag and Markers

R. Ear Tag No. _____ L. Ear Tag No. _____

Color: _____ Color: _____

R. Ear Color Marker: _____ L. Ear Color Marker: _____

Neck Marker (Area) Color: _____ Tattoo: _____

Other distinguishing Marks:

Remarks:

GRIZZLY BEAR FORM SHEET

FAMILY HISTORY - A

Rip-nose

Female No. unmarked Litter No. 1 Year 1960

Family No. 17 How Established: Obs. / Cap. /

Date Established obs.-1960 cap-8/2/60

No. in Family Group 3 Age of Offspring 5 mo.

Marked Bears in Family: Sow No. and Markers unmarked - rip in snout.

Others, No. and Markers #536-yellow rope in R. E. cap as cub in 1960

~~Unmarked Members~~ #1146-rope in both ears-cap. as yearling in 1961.

Family Group Activity:

1st Year 1960 Summered at Trout Creek.

2nd Year 1961 Weaned as yearling 1961 dispersed. Both trapped at Canyon.

~~3rd Year~~ Sacrificed for specimens. - Had become camp ground pests. (See Autopsy sheet.)

Fate of Family Group:

Offspring Orphaned No Date

Offspring Weaned: Cubs No Date Circumstances

Yearlings Yes Date spring 1961 Circumstances unknown

2-Yr Olds Date Circumstances

Activity of Female After Weaning Offspring: Not observed.

GRIZZLY BEAR FORM SHEET

FAMILY HISTORY - B

History of Female No. unmarked Rip-nose 's First Generation

Members of Family #53♂ #114♂

Marked Members both members marked #53 as cub in 1960 # 114 as yearling in 1961.

Unmarked Members Spring 1961

Date of Weaning

Activity After Weaning:

1st Year 1961 - Dispersed (Captured in Canyon Campground) Sacrificed for scientific purpose. (See data sheets.)

~~2nd Year~~ NOTE: #49♂ cub of Sow #48 was abandone by #48 after marking. #49 was adopted by Rip-nosed sow and ran with her cubs all during summer of of 1961. May or may-not have hibernated with this family.

?

~~3rd Year~~

GRIZZLY BEAR FORM SHEET
FAMILY HISTORY - C

Female No._____'s First Generation Family History

First Generation Female No._____ Litter No._____

Family No._____How Established: Obs._____ Cap._____

Date Established _____

No. in Family Group_____ Age of Offspring_____

Marked Bears in Family: Sow No. and Markers_____

Others, Nos. and Markers_____

Unmarked Members_____

Family Group Activity:
1st Year

2nd Year

3rd Year

Fate of Family Group:
Offspring Orphaned_____ Date_____

Offspring Weaned: Cubs_____Date_____ Circumstances_____

_____

Yearlings_____Date_____ Circumstances_____

_____

2-Yr Olds_____Date_____ Circumstances_____

_____

Activity of Female After Weaning Offspring_____

_____

_____

MARKED GRIZZLY

No.: 12 Sex: male

Date: July 21, 1959 Age: adult

Place of Capture: Fishing Bridge Weight: 620

Place of Release: Crystal Creek Method: _____

Measurements:

Pad:				
R.F.	L. 6¼	W. 5¼	Total length: _____	
L.F.	L. 6½	W. 5	Molar to canine: ____	
R.R.	L. 10	W. 6	_____	
L.R.	L. 11	W. 6		

Claw base measurement: L._____ R._____

Baculum:_____ Nose to eye:_____

Circ. of neck:_____ Ear length:_____

Interocular:_____ Dental formulae:_____

Molar crown measurements: Lower _____ Upper _____

1____ 2____ 3____ 1____ 2____

Canine to P.M. 4_____

Tag and Markers

R. Ear Tag No. 00-200 L. Ear Tag No. 00-199

Color: natural Color: natural

R. Ear Color Marker: violet L. Ear Color Marker: violet

Neck Marker (Area) Color: pink Tattoo: 014 behind right foreleg. "Ingemar"

Other distinguishing marks: This bear appeared at Trout Creek dump July 7 and established himself as the dominant boar. He appeared most of the evenings that the dump was observed but was absent on several occasions. There is no mistaking this bear- the right ear is slit, and although his head is badly scarred all over, he has a very prominant scar behind his left eye. Also he is one of the largest of the boars observed. Apparently, the evenings he did not visit the Trout Creek dump, he visiteed the Fishing Bridge camp., an

Remarks: overland trip of approximately 6 to 10 miles. Rump to muzzle measurement - 83". Trapped at Fishing Bridge campground in Park Service culvert trap. Had several deep fresh cuts on right side of head, badly infected.

over

Shooting Data:

1 3/4" barbed meedle used, shot into front of right shoulder.
207 mg. sucostrin, or 1 mg / 3# body wt.
Started taking noticeable effect in 6 minutes.
8 min - completely immobilized, breathing quiet, but regular.
21 min - breathing hard, partial use of jaw muscles (weak), partial use of forelimbs, could flex claws.
23 min - raised head.
24 min - held head up and rolled up on stomach, held this position.
26 min - turned around on stomach, unable to gain feet, breathing easy.
28 min - gained feet for short time.
29 min - walked for short distance.
31 min - walked several steps.
41 min - able to walk quite a distance before resting. Appears to be recovering nicely.

July 24, 1959 - observed at Trout Creek dump.
July 25, 1959 - Did not appear at dump while observers were present.
July 30 -1959 - Trout Creek, maggots in neck.
July 31, 1959 - neck much improved, no sign of maggots, dried somewhat.
Aug. 4, 1959 - neck not bothering. Appears much better.

MARKED GRIZZLY

No.: 73 Sex: male

Date: Sept. 8, 1960 Age: adult

Place of Capture: Trout Creek Dump Weight: 780

Place of Release: Trout Creek Method: culvert

Measurements:

Pad: R.F. L. 6 W. 6 3/4 Total length: 76½

L.F. L. 5 3/4 W. 6 3/4 Molar to canine:

R.R. L. 10½ W. 6½

L.R. L. 10½ W. 6½

Claw base measurement: L. 7/8 R. 7/8

Baculum: Nose to eye: 7½

Circ. of neck: 39 Ear length: 5½

Interocular: 4½ Dental formulae: 3 1 3 2/3 1 2 2
3 1 2 3 3 1 2 3
L R
2 broken

Molar crown measurements: Lower Upper

1 2 3 impressions 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. H-1511 L. Ear Tag No. H-1513

Color: alum Color: alum

R. Ear Color Marker: black-yellow rope, blue flag Ear Color Marker: black-yellow rope, blue flag

Neck Marker (Area) Color: Tattoo: O-7 behind right foreleg

Other distinguishing marks:
Notch in right ear. Cardiagram taken.

Remarks:
Dental impressions made of all teeth. Impression made of fore paw. Believe this bear to be "Old Scarchest".

not observed since marking.

MARKED GRIZZLY

No.: 65 Sex: female

Date: August 22, 1960 Age: adult

Place of Capture: Trout Creek Weight: 435

Place of Release: Trout Creek Method: culvert

Measurements:

Pad:				
R.F.	L. 5 3/4	W. 5 3/4	Total length: 71	
L.F.	L. 5 1/4	W. 6	Molar to canine: 5 3/8	
R.R.	L. 9 1/4	W. 5 1/2		
L.R.	L. 8 3/4	W. 5 1/4		

Claw base measurement: L. 13/16 R. 13/16

Baculum: Nose to eye: 6 1/4

Circ. of neck: 32 Ear length: 5 3/4

Interocular: 4 Dental formulae: $\frac{3}{3}\frac{1}{1}\frac{3}{2}\frac{2}{3}$ L.- $\frac{3}{3}\frac{1}{1}\frac{4}{2}\frac{2}{3}$ R.

Molar crown measurements: Lower 1 2 3 unable to get Upper 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. H-1533 L. Ear Tag No. H-1532

Color: aluminum Color: aluminum

R. Ear Color Marker: blue and white rope, white flag L. Ear Color Marker: blue and white rope, white flag

Neck Marker (Area) Color: none Tattoo: 065 behind right foreleg

Other distinguishing marks:

Lactating sow - mother of #43 and 52.

Remarks:

Unable to get dental impressions - too cold.
Took saliva swabs and blood sample.

MARKED GRIZZLY

No.: 65 (retrap) Sex: female

Date: July 8, 1961 Age: adult

Place of Capture: Trout Creek Weight: 380

Place of Release: Trout Creek Method: culvert

Measurements:

Pad: R.F. L.____ W.____ Total length:____

L.F. L.____ W.____ Molar to canine:____

R.R. L.____ W.____

L.R. L.____ W.____

Claw base measurement: L.____ R.____

Baculum: ____ Nose to eye:____

Circ. of neck:____ Ear length:____

Interocular:____ Dental formulae:____

Molar crown measurements: Lower Upper

1____ 2____ 3____ 1____ 2____

Canine to P.M. 4____

Tag and Markers

R. Ear Tag No.____ L. Ear Tag No.____

Color: ____ Color:____

R. Ear Color Marker:____ L. Ear Color Marker:____

Neck Marker (Area) Color:____ Tattoo:____

Other distinguishing marks:

Remarks:

Bred this year. Weaned yearlings, #43 and 52.
Markers in excellent condition; sites healed nicely.
Weighed only and released.

MARKED GRIZZLY

No.: 86 Sex: female

Date: July 12, 1961 Age: 2 year old

Place of Capture: Trout Creek Weight: 115

Place of Release: Trout creek Method: clxvert trap

Measurements:

Pad:				
R.F.	L. 4"	W. 4½	Total length: 48	
L.F.	L. 3 7/8	W. 4½	Molar to canine:	
R.R.	L. 7 1/8	W. 3 3/4	R pad only 4¾ length 2½ width	
L.R.	L. 7½	W. 3 3/4		

Claw base measurement: L. 17 mm R. 16 mm

Baculum: Nose to eye: 4 3/4

Circ. of neck: 19½ Ear length: 3 3/4

Interocular: 2 7/8 Dental formulae:

Molar crown measurements: Lower Upper

1 2 3 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. H-1600 L. Ear Tag No. 00327

Color: square alum Color: round red

R. Ear Color Marker: White loop Herculite yellow tip L. Ear Color Marker: white loop(Herculite) yellow tip

Neck Marker (Area) Color: none Tattoo: 86 behind left foreleg, in left upper lip as cub.

Other distinguishing Marks:

"Runt" oppahanded cub of #23, orphaned in 1959.

Remarks:

Dental impression made.

Found dead in Elk Park Sept. 17, 1962. Apparently hit by auto.

MARKED GRIZZLY

No.: 6 Sex: Female

Date: July 4, 1959 Age: Cub

Place of Capture: Trout Creek Weight: 45-50 lbs

Place of Release: Trout Creek Method: _____

Measurements:

Pad:				
R.F.	L. 3	W. 2 7/8	Total length: _____	
L.F.	L. 3	W. 2 7/8	Molar to canine: _____	
R.R.	L. 5	W. 2 7/8	_____	
L.R.	L. 5	W. 2 7/8		

Claw base measurement: L. _____ R. _____

Baculum: _____ Nose to eye: _____

Circ. of neck: _____ Ear length: _____

Interocular: _____ Dental formulae: _____

Molar crown measurements: Lower _____ Upper _____

1 ____ 2 ____ 3 ____ 1 ____ 2 ____

Canine to P.M. 4 _____

Tag and Markers

R. Ear Tag No. 00-128 L. Ear Tag No. 00-129

Color: Yellow Color: Yellow

R. Ear Color Marker: None L. Ear Color Marker: White

Neck Marker (Area) Color: Yellow Tattoo: _____

Other distinguishing Marks:

Remarks:

Mother of cub (3 cubs) trapped in Park Service culvert trap. Trapp pulled away from dump area. Cubs located and came to trapped sow.

Cub shot with cap-chur gun. First dose 7 mg. shot into side. Took effect in 6 minutes, did not completely immobilize cub, but was unable to stand for more than

few seconds. Cub gained complete muscular coordination in 12 minutes.

Second dose 10 mg. sucostrin given with hand syringe in shoulder. Drug took effect in 2 minutes. Cub gained feet in 8 minutes, running away in 13 minutes, seemingly fully recovered.

Total dosage--17 mg. sucostrin, or 1mg/26 lb. body weight.

This cub remained in the vicinity of its trapped mother. After she was marked and released, the cub discovered her. At first the cub seemed frightened and ran away, but upon scenting its mother returned to her. This was approx. 1 hr. after it had been tagged and released. The cub attempted to suckle for a time and then went to sleep beside its mother. The saw was still under the influence of the drug. The cub remained with its mother until she was able to move off.

Mother of this bear is marked bear no. 7.

First sight record - July 12 at Trout Creek. Have returned every night since.

MARKED GRIZZLY

No.: 6 (Retrap) Sex: Female

Date: June 29, 1960 Age: 1 year

Place of Capture: Trout Cr. Dump Weight: 105

Place of Release: S.W. 1 mile from Trout Creek Dump Method: Culvert Trap

Measurements:

Pad:	R.F.	L. 3 3/4	W. 4	Total length: 51½ in.
	L.F.	L. 3 3/4	W. 3 3/4	Molar to canine:
	R.R.	L. 7	W. 3 3/4	
	L.R.	L. 7	W. 3 3/4	

Pentathol Doses
15cc-12:33
15cc-12:34
15cc-12:45
11cc-12:48

Claw base measurement: L. R.

Baculum: Nose to eye:

Circ. of neck: Ear length:

Interocular: Dental formulae:

Molar crown measurements: Lower 1 2 3 Upper 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. 00-177 (yellow) L. Ear Tag No. 00-176 (yellow)

Color: yellow Color: yellow loop-green tip

R. Ear Color Marker: yellow loop green tip L. Ear Color Marker: "

Neck Marker (Area) Color: Tattoo:

Other distinguishing Marks:

Remarks:

Removed broken neck marker, site festered.

Removed all old markers, replaced with above.

MARKED GRIZZLY

No.: 6 (2nd retrap in 1960) Sex: female

Date: Aug. 19, 1960 Age: yearling

Place of Capture: Trout Creek Weight: 160

Place of Release: Trout Creek Method: Culvert

Measurements:

Pad:				
R.F.	L. 4½	W. 4 3/4	Total length: 52	
L.F.	L. 4 3/4	W. 4¼	Molar to canine:	
R.R.	L. 8 3/8	W. 4¼		
L.R.	L. 7½	W. 4¼		

Claw base measurement: L. 5/8 R. 5/8

Baculum: Nose to eye: 5

Circ. of neck: 23 Ear length: 4

Interocular: 2½ Dental formulae: 3/3 1/1 3/2 2/3 3/3 1/1 3/2 2/3

Molar crown measurements: Lower Upper

1 2 3 (Impressions) 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. 00-177 L. Ear Tag No. 00-176

Color: yellow Color: yellow-in end of ear

R. Ear Color Marker: yellow loop green tip L. Ear Color Marker: yellow loop green tip

Neck Marker (Area) Color: none Tattoo: 06 behind right foreleg and in right upper lip

Other distinguishing Marks:

Slight infection on left ear; right ear infected, both tag and color marker
Neck marker site healed.

Remarks:

Guessed weight at 168 lbs on a basis of 60% increase in weight as revealed by bear #34. Weight was 160 lbs. Per cent of weight gained since June 29, 1960 was 52%.
#2 and 3 incisors(both sides) on lower jaw are deciduous. F.C.C.
all upper incisors are permanent.Took dental impressions of all teeth; took saliva swabs.

MARKED GRIZZLY

No.: 6 Sex: female

Date: Aug. 2, 1961 Age: 2 year old

Place of Capture: Trout Creek Weight: 210

Place of Release: Trout Creek Method: (Dart) ~~Free roaming~~

Measurements:

Pad:				
R.F.	L. 4 3/4"	W. 5"	Total length: 59½"	
L.F.	L. 4 7/8	W. 5"	Molar to canine:	
R.R.	L. 8 3/4	W. 4 3/4"	Rt pad only 2 3/4"length 5" width	
L.R.	L. 8 7/8	W. 4 3/4"		

Claw base measurement: L. 17 mm R. 18 mm

Baculum: Nose to eye: 5 3/8"

Circ. of neck: 23 1/8" Ear length: 3 7/8"

Interocular: 3 1/8" Dental formulae: see dental chart

Molar crown measurements: Lower 1 2 3 Upper 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. 00-177 upper,outside L. Ear Tag No. G 98 front edge, outside

Color: round yellow Color: round alum

R. Ear Color Marker: blue white rope L. Ear Color Marker: green-yellow H

Neck Marker (Area) Color: Tattoo: 06 behind R foreleg (1960
in R upper lip (

Other distinguishing Marks:

6, first cub marked in 1959. Litter mate is #51, Mother is #7. Litter mate also, #115.

Remarks:

Left ear tag (#00-176) infected; replaced. Blood sample taken

Impressions: Dentition
R. forefoot

MARKED GRIZZLY

No.: 6 Sex: female

Date: Sept 20, 1961 Age: 2 years

Place of Capture: Trout creek Weight: 260

Place of Release: Trout creek Method: Culvert

Measurements:

Pad: R.F. L.____ W.____ Total length:____

L.F. L.____ W.____ Molar to canine:____

R.R. L.____ W.____

L.R. L.____ W.____

Claw base measurement: L.____ R.____

Baculum:____ Nose to eye:____

Circ. of neck:____ Ear length:____

Interocular:____ Dental formulae:____

Molar crown measurements: Lower Upper

1____ 2____ 3____ 1____ 2____

Canine to P.M. 4 ____

Tag and Markers

R. Ear Tag No. ____ L. Ear Tag No. ____

Color: ____ Color: ____

R. Ear Color Marker: ____ L. Ear Color Marker: ____

Neck Marker (Area) Color: ____ Tattoo: ____

Other distinguishing Marks:

Remarks:

Admin. sucostrin only, weighed and released.

MARKED GRIZZLY

No.: 6 Sex: female

Date: July 19, 1962 Age: 3 years

Place of Capture: Trout Creek Weight: 250

Place of Release: Trout Creek Method: culvert

Measurements:

Pad:				
R.F.	L. 4½	W. 4 7/8	Total length: 65½	
L.F.	L. 4½	W. 4 7/8	Molar to canine: R pad only W 4 7/8 L 2 3/8	
R.R.	L. 8	W. 4½		
L.R.	L. 7 7/8	W. 4½		

Claw base measurement: L. 19 mm R. 19 mm

Baculum: Nose to eye: 5 7/8

Circ. of neck: 25½ Ear length: 4 3/4

Interocular: 3 Dental formulae:

Molar crown measurements: Lower 1 2 3 Upper 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. CO-177 upper outside L. Ear Tag No. CO-138 upper inside

Color: rd. yellow Color: small rd. green

R. Ear Color Marker: blue-white rope L. Ear Color Marker: Green-yellow H

Neck Marker (Area) Color: none Tattoo: 06 in R upper lip-excellent behind R foreleg - poor

Other distinguishing Marks:

#6, "First cub", daughter of #7, litter mate of #51 and #115

Remarks:

Checked markings, tatoo, etc.
Collected blood sample
Made dental impression
Made impression of right forefoot

MARKED GRIZZLY

No.: 6 Sex: female

Date: Aug. 23, 1962 Age: 3

Place of Capture: Trout Creek Weight: 295

Place of Release: Trout Creek Method: culvert

Measurements:

Pad: R.F. L.____ W.____ Total length:____

L.F. L.____ W.____ Molar to canine:____

R.R. L.____ W.____

L.R. L.____ W.____

Claw base measurement: L.____ R.____

Baculum:____ Nose to eye:____

Circ. of neck:____ Ear length:____

Interocular:____ Dental formulae:____

Molar crown measurements: Lower Upper

1____ 2____ 3____ 1____ 2____

Canine to P.M. 4 ____

Tag and Markers

R. Ear Tag No. ____ L. Ear Tag No. ____

Color: ____ Color: ____

R. Ear Color Marker: ____ L. Ear Color Marker: ____

Neck Marker (Area) Color: ____ Tattoo: ____

Other distinguishing Marks:

Remarks:

Captured July 19 and processed. Weighed this date.

MARKED GRIZZLY

No.: 40 Sex: female

Date: July 1, 1960 Age: 2 years

Place of Capture: Trout Creek dump Weight: 175

Place of Release: S. W. Trout Creem Dump 1 mi. Method: culvert

Measurements:

Pad: R.F. L. _____ W. _____ Total length: 55½

L.F. L. _____ W. _____ Molar to canine: _____

R.R. L. 8 W. 4¼

L.R. L. 8 W. 4¼

Claw base measurement: L. _____ R. _____

Baculum: _____ Nose to eye: 5 "

Circ. of neck: _____ Ear length: _____

Interocular: _____ Dental formulae: _____

Tip of nose to midway between ears-12½"

Molar crown measurements: Lower _____ Upper _____

1 ____ 2 ____ 3 ____ 1 ____ 2 ____

Canine to P.M. 4 _____

Tag and Markers

R. Ear Tag No. 00-253 (yellow) L. Ear Tag No. 00-258 (yellow)

Color: yellow loop-pink tip Color: yellow loop-pink tip

R. Ear Color Marker: above L. Ear Color Marker: above

Neck Marker (Area) Color: _____ Tattoo: 04 left upper lip

Other distinguishing Marks:

Remarks:

This bear runs with sow and litter mate. They were previously recorded as 2 year olds. MSH

MARKED GRIZZLY

No.: 40 Sex: female

Date: Oct. 24, 1960 Age: _____

Place of Capture: _____ Weight: 230

Place of Release: _____ Method: _____

Measurements:

Pad: R.F. L. 4 3/4 W. 4 3/4 Total length: 60

L.F. L. 4½ W. 4/3/4 Molar to canine: ____

R.R. L. 8¼ W. 4 3/4 _____

L.R. L. 8½ W. 4 3/4

Claw base measurement: L. _____ R. 11/16

Baculum: _____ Nose to eye: _____

Circ. of neck: _____ Ear length: _____

Interocular: _____ Dental formulae: _____

Molar crown measurements: Lower _____ Upper _____

1 ____ 2 ____ 3 ____ 1 ____ 2 ____

Canine to P.M. 4 _____

Tag and Markers

R. Ear Tag No. _____ L. Ear Tag No. _____

Color: _____ Color: _____

R. Ear Color Marker: _____ L. Ear Color Marker: _____

Neck Marker (Area) Color: _____ Tattoo: _____

Other distinguishing Marks:

Ear tag and marker particularly marker) sites not healed.

Remarks:

This bear is no 3-4 year old. Is younger - yearling or 2 year old, probably 2.

MARKED GRIZZLY

No.: 40 Sex: female

Date: Sept. 22, 1961 Age: 3 yrs (?)

Place of Capture: Trout Creek Weight: 300

Place of Release: Trout Creek Method: Culvert

Measurements:

Pad: R.F. L. 4¼ W. 4 5/8 Total length: 63

L.F. L. 4¼ W. 5 Molar to canine: ____

R.R. L. 8 W. 4½ ____

L.R. L. 7 5/8 W. 4½ Rt. pad only: 4 5/8 W 2 ¼ L

Claw base measurement: L. 18 mm R. 18 mm

Baculum: ____ Nose to eye: 5 3/4

Circ. of neck: 26 Ear length: 4 3/4

Interocular: 3½ Dental formulae: See dental chart

Molar crown measurements: Lower 1 ____ 2 ____ 3 ____ Upper 1 ____ 2 ____

Canine to P.M. 4 ____

Tag and Markers

R. Ear Tag No. 00-253 upper outside L. Ear Tag No. 00-258 upper, outside

Color: sq. yellow Color: sq yellow

R. Ear Color Marker: white tape L. Ear Color Marker: yellow tape

Neck Marker (Area) Color: none Tattoo: 04 in R upper lip (old: o.k., easily identifiable)

Other distinguishing Marks:

Remarks:

Made dental impressions. Attached radio transmitter (in collar)

MARKED GRIZZLY

No.: 40 Sex: female

Date: Sept. 8, 1962 Age: 4 or 5

Place of Capture: Trout Creek Weight: 340

Place of Release: Trout Creek Method: free ranging

Measurements:

Pad:				
R.F.	L. 4½	W. 5¼	Total length: 64 3/4	
L.F.	L. 4½	W. 5¼	Molar to canine:	
R.R.	L. 7 3/4	W. 4 3/4		
L.R.	L. 7½	W. 4½		

Claw base measurement: L. 19 mm R. 19 mm

Baculum: Nose to eye: 5 3/4

Circ. of neck: 28 Ear length: 5

Interocular: 3½ Dental formulae:

Molar crown measurements: Lower Upper

1 2 3 1 2

Canine to P.M. 4

Tag and Markers

R. Ear Tag No. 00-253 upper outside L. Ear Tag No. 00258 upper outside

Color: sq yellow Color: sq yellow

R. Ear Color Marker: white tape L. Ear Color Marker: yellow tape

Neck Marker (Area) Color: Tattoo: 04 in R upper lip

Other distinguishing Marks:

Remarks:

"Marian" Severe wound just under vagina.

Attached radio transmitter in collar.

GRIZZLY BEAR FORM SHEET

FAMILY HISTORY - A

Female No. Grizzled Sow 65 Litter No. 1 Year 1960

Family No. 15 How Established: Obs. _____ Cap. /

Date Established 7/9/60

No. in Family Group 3 Age of Offspring 6 mo.

Marked Bears in Family: Sow No. and Markers #65 both ears blue & white rope

Others, No. and Markers #43♂ R. E. blue-white rope L. E. green-grey herculite

~~Unmarked Members~~ #52♂ yellow-black rope R. E.

Family Group Activity:

1st Year 1960 Summered in Trout Creek Area

2nd Year 1961 Weaned as Yearlings - Dispersed (See movement data.)

3rd Year 1962

Fate of Family Group:

Offspring Orphaned No Date _____

Offspring Weaned: Cubs No Date _____ Circumstances _____

Yearlings Yes Date 1961 Spring Circumstances _____

2-Yr Olds _____ Date _____ Circumstances _____

Activity of Female After Weaning Offspring: #65 bred (See breeding data form for 1961)

GRIZZLY BEAR FORM SHEET

FAMILY HISTORY - B

History of Female No. 65 's First Generation

Members of Family # 43 # 52

Marked Members All members marked - marked as cubs

Unmarked Members None

Date of Weaning Spring of 1961

Activity of offspring After Weaning:

1st Year 1961 Yearlings dispersed. #43 captured at Canyon, released at Hayden Valley, observed in frequently at Trout Creek. #52 captured at Canyon, released at Mary Lake, shot at Moran, Wyo.

2nd Year 1962

3rd Year

GRIZZLY BEAR FORM SHEET
FAMILY HISTORY - C

Female No. 65 's First Generation Family History

First Generation Female No._____ Litter No._____

Family No._____ How Established: Obs._____ Cap._____

Date Established _____

No. in Family Group_____ Age of Offspring_____

Marked Bears in Family: Sow No. and Markers_____

Others, Nos. and Markers_____

Unmarked Members_____

Family Group Activity:
1st Year

2nd Year

3rd Year

Fate of Family Group:
Offspring Orphaned_____ Date_____

Offspring Weaned: Cubs_____ Date_____ Circumstances_____

_____

Yearlings_____ Date_____ Circumstances_____

_____

2-Yr Olds_____ Date_____ Circumstances_____

_____

Activity of Female After Weaning Offspring_____

_____

_____

GRIZZLY BEAR FORM SHEET

FAMILY HISTORY - A

Female No. 65 Litter No. 2

Family No. 15A (34) How Established: Obs. X Cap. _____

Date Established 6/14/62

No. in Family Group 5 Age of Offspring 5 one-half mo.

Marked Bears in Family: Sow No. and Markers #65 blue-white rope each ear

Others, No. and Markers _____

Unmarked Members 4 (one cub killed Aug. 7, 1962. Strangled while being handled)

Family Group Activity:

1st Year

2nd Year

3rd Year

Fate of Family Group:

Offspring Orphaned _____ Date _____

Offspring Weaned: Cubs _____ Date _____ Circumstances _____

Yearlings _____ Date _____ Circumstances _____

2-Yr Olds _____ Date _____ Circumstances _____

Activity of Female After Weaning Offspring: _____

MARKED GRIZZLY

No.: 37 Initial capture

Sex: Male

Date: June 29, 1960

Age: yearling

Place of Capture: Shot near trap at Trout Creek Dump

Weight: 145

Place of Release: Trout Creek Dump

Method: dart

Measurements:

Pad: R.F. L. 4 W. 4 3/4 Total length: 57 in

L.F. L. 3 3/4 W. 4½

R.R. L. 7 3/4 W. 4¼

L.R. L. 7 W. 4 3/4

Pentathal

25 cc - 10:30
5 cc - 10:37
more - 10:38
total: 35cc

Claw base measurement: L. R.

Baculum: 3½" in length

Nose to eye:

Circ. of neck:

Ear length:

Interocular:

Dental formulae:

Molar crown measurements: Lower 1 2 3 Upper 1 2

Tag and Markers

R. Ear Tag No. 00-187 (yellow)

Color: white loop-green tip

L. Ear Tag No. 00-180 (yellow)

Color: white loop - green tip

R. Ear Color Marker: above

L. Ear Color Marker: above

Neck Marker (Area) Color: none

Tattoo: 037 behind right foreleg

Other Distinguishing Marks:

Right ear is notched

Remarks:

1st dose of 35 cc pentathal did not take any noted effect.
Captured mother and other cub in trap and this cub just stayed near trap.

Mother of this bear is #39. Litter mate is #38.

MARKED GRIZZLY

No.: 37 (retrap) Sex: male

Date: August 22, 1960 Age: 2 year old

Place of Capture: Trout Creek Weight: 245

Place of Release: Trout Creek Method: culvert

Measurements:

Pad: R.F. L. 4 3/4 W. 5¼ Total length: 59

L.F. L. 4¼ W. 4 3/4 Molar to canine 5 1/8

R.R. L. 8½ W. 4¼

L.R. L. 8¼ W. 4 3/4 Nose to mid-ear - 13

Claw base measurement: L. 11/16 R. 5/8

Baculum: Nose to eye: 5 3/4

Circ. of neck: 25 Ear length: 4 3/4 L

Interocular: 3 1/8 Dental formulae:

3/3 1/1 2/3 3/3 1/1 3/1 2/3

Molar crown measurements: Lower L Upper R

1 2 3 1 2

did not take Impressions taken

Tag and Markers

R. Ear Tag No. 00-187 L. Ear Tag No. 00-180

Color: yellow Color: yellow

R. Ear Color Marker: white loop green tip L. Ear Color Marker: white loop green tip

Neck Marker (Area) Color: Collar of white rope with red flag and wood plug Tattoo: 0--7 in right upper lip

Other Distinguishing Marks:

Left ear marker missing - replaced. Slit was healed. Other marker sites infected.

Remarks:

One of "dump bears". Had gained 100 lbs in 54 days, an increase of 69% of former (Jun 29) body weight.

Dental impressions made.

MARKED GRIZZLY

No.: 37 retrap

Sex: male

Date: June 27, 1961

Age: 2 years

Place of Capture: Thumb

Weight: 215

Place of Release: Trout Creek

Method: culvert (NPS)

Measurements:

Pad: R.F. L. 4½ W. 5¼ Total length: 65

L.F. L. 4½ W. 5 1/8

R.R. L. 9 W. 5

L.R. L. 9 W. 5

Claw base measurement: L. 11/16 R. 3/4

Baculum: 4 3/4

Nose to eye: 6

Circ. of neck: 24

Ear length: 4½

Interocular: 3½

Dental formulae:

Molar crown measurements: Lower 1 2 3 Upper 1 2

Tag and Markers

R. Ear Tag No. 00-178

L. Ear Tag No. --326

Color: yellow

Color: red

R. Ear Color Marker: Herculite green loop

L. Ear Color Marker: none

Neck Marker (Area) Color: collar white rope red flag

Tattoo: 0--7 right upper lip (put in '60, easily readable)

Other Distinguishing Marks:

Notch in right ear
Light colored bear
Collar put on in 1960, fine shape

Remarks:

Xrays: jaws, teeth
Humerus - radius
R front foot
Impressions: teeth and R front foot

Right foot pad

2 5/8 X 5¼

MARKED GRIZZLY

No.: 37 Sex: Male

Date: Sept 12, 1961 Age: 2 years

Place of Capture: Thumb Weight: 315

Place of Release: Trout Creek Method: Culvert (NPS)

Measurements:

Pad:				
R.F.	L. 4 3/4	W. 5 1/8	Total length: 67½	
L.F.	L. 4½	W. 5 3/8		
R.R.	L. 9	W. 5	R pad only :	5 1/8W 2 7/8 L
L.R.	L. 9½	W. 5¼		

Claw base measurement: L. _____ R. _____

Baculum: _____ Nose to eye: 6 7/8

Circ. of neck: 26 Ear length: 4 3/4

Interocular: 4 Dental formulae: _____

Molar crown measurements: Lower _____ Upper _____

1____ 2____ 3____ 1____ 2____

Tag and Markers **all markers same as before**

R. Ear Tag No. _____ L. Ear Tag No. _____

Color: _____ Color: _____

R. Ear Color Marker: _____ L. Ear Color Marker: _____

Neck Marker (Area) Color: _____ Tattoo: _____

Other Distinguishing Marks:

All markers in good condition
Collar in good condition.

Remarks:

Impressions: Dentition
R forefoot

This bear is sensitive to Sucostrin - requires light dose.
1:7 or 1:8

MARKED GRIZZLY

No.: 37 Sex: male

Date: Sept. 30, 1961 Age: 2 years

Place of Capture: Thumb Weight: 310

Place of Release: Trout Creek Method: culvert NPS

Measurements:

Pad: R.F. L.____ W.____ Total length:____

L.F. L.____ W.____

R.R. L.____ W.____

L.R. L.____ W.____

Claw base measurement: L.____ R.____

Baculum: ____ Nose to eye:____

Circ. of neck:____ Ear length:____

Interocular:____ Dental formulae:____

Molar crown measurements: Lower Upper

1____ 2____ 3____ 1____ 2____

Tag and Markers

R. Ear Tag No.____ L. Ear Tag No. ____

Color: ____ Color: ____

R. Ear Color Marker:____ L. Ear Color Marker: ____

Neck Marker (Area) Color:____ Tattoo: fine shape in lip

Other Distinguishing Marks:

Remarks:

Removed white collar. Replaced with yellow rope collar containing transmitter. October 12, 1961 - Recaptured at Thumb Oct. 7. Released Oct. 12 at Crystal Creek Had lost collar containing radio transmitter.

MARKED GRIZZLY

No.: 37 Sex: Male

Date: Oct. 4, 1962 Age: 3 years

Place of Capture: Rabbitt Creek Weight: 440

Place of Release: Trout Creek Method: Culvert

Measurements:

Pad: R.F. L. 4 3/4 W. 5 3/4 Total length: 73

L.F. L. 5¼ W. 6 R front pad 5 3/4 X 3

R.R. L. 10 W. 5⅛

L.R. L. 9 7/8 W. 5⅛

Claw base measurement: L. 20 mm R. 21 mm

Baculum: Nose to eye: 7¼

Circ. of neck: 29 Ear length: 5

Interocular: 4 Dental formulae: see dental chart

Molar crown measurements: Lower Upper

1 2 3 1 2

Tag and Markers

R. Ear Tag No. 00178 upper outside L. Ear Tag No. G 56 upper outside

Color: small round yellow Color: round alum (large)

R. Ear Color Marker: blue-white rope L. Ear Color Marker: none

Neck Marker (Area) Color: green flag none Tattoo:

Other Distinguishing Marks:

Attached radio transmitter (in collar)

Remarks:

Dental impressions made.
Blood sample collected
Impression made of R. forefoot.