

Name of Bird WILLOW PTARMIGAN Year 1964

Locality of Nest TUGIDAK IS. (TRINITY ISLANDS)

Latitude 56°30' Longitude 154°42'

Altitude ? Direction slope faces ?

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

?

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched UNKNOWN

No. of unhatched eggs " "

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest " "

Cause of death of chicks not leaving nest.....

.....

Name of Bird WILLOW PTARMIGAN Year 1964

Locality of Nest TUGIDAK IS. (TRINITY ISLANDS)

Latitude 56° 30' Longitude 154° 42'

Altitude Direction slope faces SE

Nest 0ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other GRASSY AREA

List abundant plants:

GRASS SP?

· POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched UNKNOWN

No. of unhatched eggs " "

Cause of non-hatching of eggs.....

No. of chicks that left nest..... 1 1

Cause of death of chicks not leaving nest.....

Name of Bird WILLOW PTARMIGAN Year 1964

Locality of Nest TUGIDAK IS. (TRINITY ISLANDS)

Latitude 56° 50' Longitude 154° 42'

Altitude ? Direction slope faces ?

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

?

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched UNKNOWN

No. of unhatched eggs !! !!

Cause of non-hatching of eggs !! !

.....

No. of chicks that left nest ! 1

Cause of death of chicks not leaving nest.....

.....

Name of Bird WILLOW PTARMIGAN Year 1964

Locality of Nest TUGIDAK IS., (TRINITY ISLANDS)

Latitude 56°30' Longitude 154°42'

Altitude ? Direction slope faces ?

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:
-

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched UNKNOWN

No. of unhatched eggs " "

Cause of non-hatching of eggs.....

No. of chicks that left nest " "

Cause of death of chicks not leaving nest.....

Name of Bird WILLOW PTARMIGAN Year 1964

Locality of Nest TUGIDAK IS (TRINITY ISLANDS)

Latitude 56° 30' Longitude 157° 42'

Altitude ? Direction slope faces ?

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:
?

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched UNKNOWN

No. of unhatched eggs 1

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest 1

Cause of death of chicks not leaving nest.....

.....

Name of Bird WILLOW PTARMIGAN Year 1964

Locality of Nest TUGIDAK IS. (TRINITY ISLANDS)

Latitude 56°30' Longitude 154°42'

Altitude ? Direction slope faces ?

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

?

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched UNKNOWN

No. of unhatched eggs 1

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest 1

Cause of death of chicks not leaving nest.....

.....

Name of Bird	WILLOW PTARMIGAN	Year	1964
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Locality of Nest TUGIDAK IS (TRINITY ISLANDS)

Latitude 56° 29' Longitude 154° 43'

Altitude Direction slope faces SOUTH

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other GRASSY AREA ON TUNDRA

List abundant plants:

GRASS - SP ??

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched UNKNOWN

No. of unhatched eggs UNKNOWN

Cause of non-hatching of eggs

No. of chicks that left nest UNKNOWN

Cause of death of chicks not leaving nest

Name of Bird WILLOW PTARMIGAN Year 1964

Locality of Nest TUEIDAK IS (TRINITY ISLANDS)

Latitude 56° 31' Longitude 157° 43'

Altitude..... Direction slope faces 5.....

Nest.....0.....ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

SADGES
GROWBERRY } FEW
LICHENS }

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched ... UNKNOWN

No. of unhatched eggs.....⁴.....

Cause of non-hatching of eggs.....

No. of chicks that left nest.....¹¹.....

Cause of death of chicks not leaving nest.....

COPY

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer:

P.E.K. Shepherd

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit: *22 June, 1955*

Locality: *Selawik, Alaska*

Description of habitat:

SPECIES; *Willow Ptarmigan*

Description of nests and nest sites:

4 nests

FILL IN NUMBER OF NESTS CONTAINING:

Empty	1 Young	2 Young	3 Young	4 Young	5 Young
1 Egg	1E - 1Y	1E - 2Y	1E - 3Y	1E - 4Y	
2 Eggs	2E - 1Y	2E - 2Y	2E - 3Y		
3 Eggs	3E - 1Y	3E - 2Y			
4 Eggs	4E - 1Y				
5 Eggs					
8 eggs					

NO. IN COLONY

Occupied nests *4*

Pairs of birds _____

Use back for remarks

4

4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1

227 226 225 224 223 222 221 220 219 218 217 216 215 214 213 212 211 210 209 208 207 206 205 204 203 202 201

2
110
109
108
107
106
105
104
103
102
101

UNISORT ANALYSIS CARD STD. FORM Y 12

1
2
4
7
1
2
4
7
1

UNISORT

27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1

Name *W. Ptarmigan*
of *Willow Ptarmigan*
Bird

Year
1955

Locality
of *Selawik, Alaska*
Nest

Latitude..... Longitude.....

Altitude..... Direction slope faces.....

Nest.....^{0'}.....ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

.....

Name of Bird *Willow ptarmigan* Year *1955*

Locality of Nest *Selawik, Alaska*

Latitude..... Longitude.....

Altitude.. *20'*..... Direction slope faces.....

Nest..... *0'*.....ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other *coastal tundra*.....

List abundant plants:

Calamagrostis

Spyrca

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

.....

Name *Willow Ptarmigan* Year *1955*
of
Bird

Locality *Selawik, Alaska*
of
Nest

Latitude..... Longitude.....

Altitude *20'*..... Direction slope faces.....

Nest.... *0'*.....ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

- No. of eggs hatched
- No. of unhatched eggs.....
- Cause of non-hatching of eggs.....
-
- No. of chicks that left nest.....
- Cause of death of chicks not leaving nest.....
-

Name of Bird *Willow ptarmigan* Year *1955*

Locality of Nest *Selawik, Alaska*

Latitude..... Longitude.....

Altitude... *20'* Direction slope faces.....

Nest... *0'*ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

.....

Name of Bird	Willow Ptarmigan	Year	1964
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Locality of Nest Yakutat : Harlequin L. airstrip

Latitude..... Longitude.....

Altitude..... Direction slope faces.....

Nest.....ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Nest in open grassy area in center of small willow clump about 10"-12" in height and 1' in diameter.

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

.....

Name of Bird Lagopus lagopus willow ptarmigan | Year 6/23/64

Locality of Nest ^{Acro} Old Chevak, ALASKA

Latitude N61°25' Longitude W. 166°33'

Altitude SEA LEVEL Direction slope faces WEST

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky Tundra Field Marsh

Other LICHENS, BLUE BERRY, MOSSES

List abundant plants:

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird LAGOPUS LAGOPUS | Year 6/25/64
WILLOW PTARMIGAN

Locality of Nest ACROSS FROM CABIN (POINT)
OLD CHEVAK, ALASKA

Latitude 61°25'N Longitude 166°33'W

Altitude SEA LEVEL Direction slope faces WEST

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky Tundra Field Marsh

Other RIVER BANK

List abundant plants: lichen, mosses, berry bushes (blue, salmon,)

POSITION OF NEST

In tree, brush or shrub
On ground, ~~under tree, brush or shrub~~
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On ~~cliff~~ bank On floating mat
On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird *Lugopus* | Year *1964*

Locality of Nest *Umiat*

Latitude *69° 23'* Longitude *152° 08'*

Altitude *352* Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants: *dwarf birch - nest near edge of small like where dwarf birch predominated*

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched *0*

No. of unhatched eggs *7*

Cause of non-hatching of eggs *believed to be due to cold, freezing, spell*

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird *Lagopus lagopus* Year 1964

Locality of Nest *Umia*

Latitude *69° 23'* Longitude *155° 08'*

Altitude *352* Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants: *nest near edge of lake were Alder and willow predominate*

POSITION OF NEST

In tree, brush or shrub
On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On cliff or bank On floating mat
On building

FATE OF NEST

No. of eggs hatched *0*

No. of unhatched eggs *7*

Cause of non-hatching of eggs *believed to be due to cold, freezing spell.*

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Lagopus willow | Year 1964
Lagopus

Locality of Nest Umiat

Latitude 69° 23' Longitude 152° 08'

Altitude 365 Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants: nest in alder
studded area

POSITION OF NEST

In tree, brush or shrub
On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On cliff or bank On floating mat
On building

FATE OF NEST

No. of eggs hatched 0

No. of unhatched eggs 6

Cause of non-hatching of eggs Believed to be a
cold freezing, Rainy spell ~~day~~.

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird P Willow | Year 1964
Parmigan

Locality of Nest YAKUTAT, ALASKA

Latitude 59° 20' Longitude 139°

Altitude _____ Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

grass, willow
strawberry - (open
grassy flat on
bank of Dangerous River
the just below head at
Harlequin Lake.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs 9

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan Year 1963

Locality of Nest Tgiak Bay

Latitude 61°44' Longitude 165°43'

Altitude..... Direction slope faces.....

Nest.....ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

At edge of sedge marsh, but with low Salix brush nearby

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

.....

Name of Bird Willow Ptarmigan Year 1963

Locality of Nest Jgiak Bay

Latitude 61°44' Longitude 165°43'

Altitude 450 Direction slope faces SW

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Nest = depression in soil with a few grasses for lining

POSITION OF NEST

In tree, brush or shrub

On ground, ~~under tree, brush or shrub~~ ^{low spreading} shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest

Cause of death of chicks not leaving nest

Name of Bird Lagopus lagopus | Year 7/1/64
Willow PTARMIGAN

Locality of Nest KASHUNUK RIVER, ALASKA

Latitude _____ Longitude _____

Altitude SEA LEVEL Direction slope faces WEST

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants: BLUE BERRY

POSITION OF NEST

~~In tree, brush, or shrub~~

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird LAGOPUS LAGOPUS | Year 6/28/64
WILLOW PTARMIGAN

Locality of Nest OLD CHEVAK, ALASKA

Latitude N 61° 25' Longitude W 166° 33'

Altitude: SEA LEVEL Direction slope faces WEST

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other LICHEN - DWARF BIRCH -

List abundant plants: BLUEBERRY - CROWBERRY

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Camp

Name of Bird Lagopus
Lagopus Year 1961

Locality of Nest Eagle Creek, Steese H.

Latitude _____ Longitude _____

Altitude 2700 Direction slope faces flat

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

Dry shrub (willow) on
gravel. Moss, grass.

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving

Nest _____

Name of Bird Willow Ptarmigan | Year 1961

Locality of Nest _____

Latitude 60 50 Longitude 162 45

Altitude _____ Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

mixed shrub, grass, tundra
oupinjo

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan | Year 1961

Locality of Nest Utukok River

Latitude 68° 43' Longitude 161° 1'

Altitude _____ Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other near River

List abundant plants:

Salix
Betula
tussocks
Moss

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan | Year 1960

Locality of Nest Igiak Bay

Latitude 61°38'N Longitude 166°09'W

Altitude 50' Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

POSITION OF NEST

- In tree, brush, or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

✓

Name of Bird WILLOW PTARMIGAN | Year 1960

Locality of Nest IGIAK BAY

Latitude 61° 37' N Longitude 166° 5' W

Altitude 50' Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving

Nest _____

Name of Bird WILLOW PTARMIGAN Year 1960

Locality of Nest N. of HOOPER BAY

Latitude 61°33' N Longitude 166°5' W

Altitude 40' Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

Grass

POSITION OF NEST

In tree, brush, or shrub
On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird WILLOW PTARMIGAN. Year 1960

Locality of Nest N. of HOOPER BAY

Latitude 61° 33' N Longitude 166° 5' W

Altitude 50' Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

Grass

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird WILLOW PTARMIGAN | Year 1960

Locality of Nest N of HOOPER BAY

Latitude 61° 33' N Longitude 166° 5' W

Altitude 50' Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

Grass

POSITION OF NEST

- In tree, brush, or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird willow ptarmigan | Year 1961
Lagopus lagopus

Locality brushy bench on west side
of nest of valley of N.Fk. of Ship Cr.

Latitude 61° 07' 30" Longitude 149° 23' 30"

Altitude 2050 Direction slope faces nnw

Nest) 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other scatterd trees

List abundant plants: alpine willow, Salix
dwarf birch, Betula nana exilis
mosses, lichen, and heather
bluegrass, Poa ? and other grass?
white spruce, Picea glauca
black cottonwood, Populus tricocary
ground juniper, Juniperus communis
fireweed, Epilobium angustifolium

POSITION OF NEST

In tree, brush or shrub

On ground, under ~~tree, brush or shrub~~

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched ?

No. of unhatched eggs --

Cause of non-hatching of eggs --

No. of chicks that left nest --

Cause of death of chicks not leaving nest --

Name of Bird Willow ptarmigan Year 1963

Locality of Nest Eagle Creek
mile 105 Steese Highway

Latitude..... Longitude.....

Altitude 2600 Direction slope faces flat

Nest.....0.....ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Tall willow - grass

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub under willow

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched0.....

No. of unhatched eggs.....

Cause of non-hatching of eggs... dog ate them

.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

.....

Name of Bird Willow Ptarmigan | Year 1954

Locality of Nest Fielding Lake

Latitude Longitude

Altitude Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest

Cause of death of chicks not leaving nest

Name of Bird Lagopus lagopus | Year 1960

Locality of Nest At edge of timber line in foothills of Kenai Mts. 5 3/4 miles NE of mouth of Indian Creek where enters Tustumena Lake.

Latitude 60° 9' Longitude 150° 27'

Altitude 2,400' Direction slope faces SE

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

- Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky tundra Marsh

Other _____

List abundant plants: Stunted white spruce, dwarf birch, heath. The nest was 5 feet inside periphery of small group of stunted white spruce which covered a circular area roughly 15 feet in diameter.

POSITION OF NEST

- In tree, brush, or shrub
On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched ?

No. of unhatched eggs ?

Cause of non-hatching of eggs -

No. of chicks that left nest ?

Cause of death of chicks not leaving

Nest ?

Name of Bird Willow Ptarmigan Year 1962

Locality of Nest Eagle Summit, Steese Hi-way

Latitude 65°30' Longitude 145°30'

Altitude 3500 Direction slope faces S

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

ground birch
scattered conifers
lilgenheads (dry)
rocky Tundra vegetation

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 7

No. of unhatched eggs 0

Cause of non-hatching of eggs —

No. of chicks that left nest —

Cause of death of chicks not leaving nest —

Name of Bird Willow Ptarmigan | Year 1961

Locality of Nest RANGER POND NEAR WOODRIDGE LAKE, MCKINLEY PARK

Latitude 63°29' Longitude 150°51'

Altitude 2100 Direction slope faces SW

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

- Forest Tail brush (4-10') Shrub (1-4')
- Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

BLUEBERRY, WILLOWS, MOSSES, DWARF BIRCH

POSITION OF NEST NOT FOUND

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched 5+?

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest 5+?

Cause of death of chicks not leaving nest _____

Name of Bird WILLOW PTARMIGAN Year 1961

Locality RIDGE ABOVE WOODER LAKE,
of Nest McKINZEY PARK

Latitude 63°28' Longitude 150°47'

Altitude 2773 Direction slope faces FLAT

Nest NOT FOUND ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

POSITION OF NEST NOT FOUND
In tree, brush, or shrub

On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 1+?

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest 1+?

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Willow Ptarmigan | Year 1962

Locality of Nest mile 75 Haines Road, British Columbia

Latitude _____ Longitude _____

Altitude 3000 Direction slope faces X

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Wet, shrubby, nearly treeless area at timberline.
Willow, birch, Potentilla fruticosa

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan Year 1962

Locality of Nest mile 75 Haines Road
British Columbia

Latitude _____ Longitude _____

Altitude 3000 Direction slope faces —

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Dwarfed birch, willow,
shrubby cinquefoil;
ground hummocky.

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan | Year 1962

Locality of Nest Mile 75 Haines Road
British Columbia

Latitude _____ Longitude _____

Altitude 3000 Direction slope faces flat

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

- Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Willow, dwarfed birch,
shrubby Potentilla,
lichens, Anemone parviflora

POSITION OF NEST

- In tree, brush or shrub
On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On cliff or bank On floating mat
On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan Year 1962

Locality of Nest mile 75 Haines Rd.
British Columbia

Latitude _____ Longitude _____

Altitude 3000 Direction slope faces —

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Open, wet area at
timberline, with many
shrubs (birch, willow,
alder)

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan Year 1962
Locality of Nest Mile 75 Haines Road
British Columbia

Latitude _____ Longitude _____

Altitude 3000 Direction slope faces —

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Wet marsh with much
grass and low willows

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan Year 1962
Locality of Nest Mile 75 Haines Rd.
British Columbia

Latitude _____ Longitude _____

Altitude 3000 Direction slope faces flat

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Tall dwarfed birch -
nest in grassy opening
(man-made) near
tongue of wetter marsh

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan Year 1961

Locality of Nest Lower Kaskaskia River

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

Grass - Sedge

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Camp

Name of Bird Willow Ptarmigan Year 1962

Locality of Nest Eagle Creek, mile 105 Steese H.

Latitude _____ Longitude _____

Altitude 2700 Direction slope faces —

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:
Riparian willows, grass

POSITION OF NEST

In tree, brush or shrub
On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On cliff or bank On floating mat
On building

FATE OF NEST

No. of eggs hatched 7
No. of unhatched eggs 1
Cause of non-hatching of eggs ?

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Road to Zimmermann's
near 1956 willow nest

Name of Bird Willow Ptarmigan Year 1962

Locality of Nest Eagle Creek, mile 105
Steese Highway

Latitude _____ Longitude _____

Altitude 2650 Direction slope faces —

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

Willow, moss, grass,
tailings.

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving

Nest _____

Name of Bird Willow Ptarmigan | Year 1962

Locality of Nest mile 75 Heines Rd.
British Columbia

Latitude _____ Longitude _____

Altitude 3000 Direction slope faces —

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Sedge, moss,
Potentilla fruticosa

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Willow | Year
Bird Ptarmigan | 1962

Locality of Dry Creek, Alaska Range
Nest

Latitude 63° 56' 30" Longitude 147° 23'

Altitude 3050 Direction slope faces No slope

Nest on ground ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Picea glauca

Sphagnum

Alnus sp.

Salix spp.

Vaccinium spp.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan Year 1962

Locality of Nest Dry Creek Alaska Range

Latitude 63° 57' Longitude 147° 25'

Altitude 3300 Direction slope faces S

Nest aint see nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')
Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush or shrub
On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub
On ground, in open on sand or rocks
On cliff or bank On floating mat
On building

FATE OF NEST

No. of eggs hatched _____
No. of unhatched eggs _____
Cause of non-hatching of eggs _____

No. of chicks that left nest 1 (at least)

Cause of death of chicks not leaving nest _____

Name of Bird Willow Ptarmigan (Lagopus lagopus) | Year 1960

Locality of Nest Bear Lake, Alaska Peninsula (nn. Port Moller)

Latitude 56° 04' N Longitude 160° 20' W

Altitude 200' Direction slope faces west

Nest On ground ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other Moss - Grass

List abundant plants:

Calamagrostis
various forbs
Moss

POSITION OF NEST

- In tree, brush, or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat

FATE OF NEST — Abandoned

No. of eggs hatched None

No. of unhatched eggs One

Cause of non-hatching of eggs Abandonment

No. of chicks that left nest None

Cause of death of chicks not leaving

Nest Remained intact

Name of Bird Willow Ptarmigan Year 1961

Locality of Nest Eagle Creek, Steese Highway

Latitude _____ Longitude _____

Altitude 2700 Direction slope faces west

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other Riparian shrub

List abundant plants:

Willows, moss, Pyrola,
Pedicularis, Empetrum

POSITION OF NEST

- In tree, brush, or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 1

No. of unhatched eggs 1

Cause of non-hatching of eggs ?

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Willow Ptarmigan Year 1968

Locality of Nest 1 mile S.W. Penny River Bridge

Latitude 64° 34' Longitude 165° 35'

Altitude 400 Direction slope faces S.E.

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other CALAMAGROSTIS... GRASS.....

List abundant plants:

In a patch of CALAMAGROSTIS CANADENSIS GRASS.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

.....

Name of Bird Willow Ptarmigan Year 1966
Lagopus lagopus

Locality of Nest Holomak River, Alaska

Latitude 61° 43' Longitude 165° 045'

Altitude 400' Direction slope faces South

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Ledum
Carex
Betula
mosses & lichens

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched 8

No. of unhatched eggs 1

Cause of non-hatching of eggs - 1 broken

open when nest was thought abandoned

No. of chicks that left nest 8

Cause of death of chicks not leaving nest

Name of Bird Willow PTARMIGAN Year 1966

Locality of Nest ON ridge west of SNAKE River bridge Nome, Alaska

Latitude 64° 34' Longitude 165° 31'

Altitude 400' Direction slope faces east

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Willow
crowberry
CLADONIAS
Ledum
Blueberry

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST unknown

No. of eggs hatched

No. of unhatched eggs.....

Cause of non-hatching of eggs.....

.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

.....

Name of Bird *Willow Ptarmigan* Year *1956*

Locality of Nest *Berry Camp, mile 104 Steese Hwy., Alaska*

Latitude..... Longitude.....

Altitude *2800'* Direction slope faces *flat*

Nest *0'* ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other *Willow brush along old*

List abundant plants: *Stream bottom*

*Mosses
Willows*

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat

On building *on top of bank
4' above stream*

FATE OF NEST

No. of eggs hatched *9* *just after midnight* *18 June*

No. of unhatched eggs.....

Cause of non-hatching of eggs.....

No. of chicks that left nest.....

Cause of death of chicks not leaving nest.....

