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|                                |                     |
|--------------------------------|---------------------|
| Name of Bird<br><i>Pintail</i> | Year<br><i>1964</i> |
|--------------------------------|---------------------|

Locality of Nest  
*Copper River Delta*

Latitude *60° 25' N* Longitude *145° 30' W*

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 *Forb/Grass*.....

List abundant plants:

*vetcl, Shooting star, Iris,  
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
- On building

FATE OF NEST

No. of eggs hatched ..... *6* .....

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 Anas acuta | Year 7/1/64  
PINTAIL

Locality of Nest Old CHEVAK, ALASKA

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

Altitude SEALEVEL 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 \_\_\_\_\_

List abundant plants: DWARF BIRCH

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 \_\_\_\_\_

2 1 7 4 2 1 7 4 2 1  
 110 109 108 107 106 105 104 103 102 101

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

# ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **JIM GEERDTS**  
**BETHEL**

## FOR OBSERVATIONS ON ONE NEST

| DAY | MONTH | NO. OF EGGS | NO. OF YOUNG | ADULT ON NEST? SEX? | TIME |
|-----|-------|-------------|--------------|---------------------|------|
| 1   | July  | 7           | -            | YES ♀               | 1645 |
| 2   |       |             |              |                     |      |
| 3   |       |             |              |                     |      |
| 4   |       |             |              |                     |      |
| 5   |       |             |              |                     |      |
| 6   |       |             |              |                     |      |
| 7   |       |             |              |                     |      |
| 8   |       |             |              |                     |      |
| 9   |       |             |              |                     |      |
| 10  |       |             |              |                     |      |
| 11  |       |             |              |                     |      |
| 12  |       |             |              |                     |      |
| 13  |       |             |              |                     |      |
| 14  |       |             |              |                     |      |
| 15  |       |             |              |                     |      |
| 16  |       |             |              |                     |      |
| 17  |       |             |              |                     |      |
| 18  |       |             |              |                     |      |
| 19  |       |             |              |                     |      |
| 20  |       |             |              |                     |      |
| 21  |       |             |              |                     |      |
| 22  |       |             |              |                     |      |
| 23  |       |             |              |                     |      |
| 24  |       |             |              |                     |      |
| 25  |       |             |              |                     |      |
| 26  |       |             |              |                     |      |
| 27  |       |             |              |                     |      |

REMARKS: e.g. Birds banded, pertinent weather information, etc.

*ACROSS O. CHEVAK CANAL  
 S.S.W. of CABIN - ON TUNDRA*

1 201  
 2 202  
 4 203  
 7 204  
 1 205  
 2 206  
 4 207  
 7 208  
 1 209  
 2 210  
 4 211  
 7 212  
 1 213  
 2 214  
 4 215  
 7 216  
 1 217  
 2 218  
 4 219  
 7 220  
 1 221  
 2 222  
 4 223  
 7 224  
 1 225  
 2 226  
 4 227

309 1  
 308 7  
 307 4  
 306 2  
 305 1  
 304 7  
 303 4  
 302 2  
 301 1

UNISORT

Name of Bird PINTAIL Year 1964

Locality of Nest COHOE by KASLOP RIVER

Latitude 60 Longitude 152

Altitude 10 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 RIVER TIDAL FLATS

List abundant plants:

GRASSES

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub  under dead TREE
- 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 NONE

No. of unhatched eggs 7

Cause of non-hatching of eggs ruined by high tides

No. of chicks that left nest

Cause of death of chicks not leaving nest



Name of Bird Pintail Year 1964

Locality of Nest Old Chevak

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

Altitude Sea level Direction slope faces West

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:

Calamagrostis

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 ground, under grass

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 Anas acuta | Year \_\_\_\_\_  
PINTAIL

Locality of Nest Old CHEVAK, ALASKA

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

Altitude SEALEVEL 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 TALL GRASS

List abundant plants: CAREX (SPECIES)

**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 ANAS ACUTA | Year 7/29/64  
PINTAIL

Locality of Nest LOWER KASHUNUK R. STUDY AREA

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Altitude SEALEVEL 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 1'-1 1/2" TALL GRASS

List abundant plants: CAREX 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 5

No. of unhatched eggs 2

Cause of non-hatching of eggs Abandon

No. of chicks that left nest 5

Cause of death of chicks not leaving

Nest Abandon Eggs



Name ANAS ACUTA | Year 7/4/64  
of  
Bird PINTAIL

Locality  
of  
Nest LOWER KASHUNUK R. STUDY AREA

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 TALL GRASS

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 8

No. of unhatched eggs 0

Cause of non-hatching of eggs \_\_\_\_\_

No. of chicks that left nest 8

Cause of death of chicks not leaving

Nest \_\_\_\_\_



Name of Bird Anas acuta | Year 6/25/64  
PINTAIL

Locality of Nest ACROSS RIVER FROM CABIN  
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 NEXT TO RIVER

List abundant plants: TALL GRASS (~~TYPE~~)  
CAREX (SPECIES)

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

Pintail

Year

1964

Locality  
of  
Nest

Old Chevak

Latitude

N 61° 25'

Longitude

W 166° 33'

Altitude

sea level

Direction slope faces

East

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

Calamagrostis

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

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 pintail duck Anas acuta Year 1964

Locality of Nest near airstrip, Northeast Cape  
St. Lawrence Island, Alaska

Latitude 63° 18' N Longitude 168° 50' W

Altitude 30' Direction slope faces NE

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 small creek + snowbank 15' away

List abundant plants:

grass  
mosses  
lichens  
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
- 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 ANAS ACUTA | Year 6/22/64  
PINTAIL DUCK

Locality of Nest KASHUNUK RIVER BANK (ACROSS R)  
Old Chievak, ALASKA

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

Altitude SEALEVEL 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 ON BANK OF RIVER (TOP)

List abundant plants: (TUNDRA) 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 \_\_\_\_\_

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 ANAS acuta | Year 6/24/64  
PINTAIL

Locality of Nest BASE of old mud dwelling  
Old CHEVAK, ALASKA

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

Altitude SEALEVEL 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 BASE of old mud dwelling GRASS

List abundant plants: TAIL GRASS (RYE)

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 9

No. of unhatched eggs —

Cause of non-hatching of eggs \_\_\_\_\_

No. of chicks that left nest 9

Cause of death of chicks not leaving nest \_\_\_\_\_



Name of Bird PINTAIL DUCK Year 1964

Locality of Nest TUGIDAK IS. (TRINITY ISLANDS)

Latitude 56°30' Longitude 154°40'

Altitude 400' Direction slope faces NNE

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:

SEDGES

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub   
IN TALL SEDGE
- 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

*Pintail*

Year

*1964*

Locality  
of  
Nest

*Tetlin Lake*

Latitude... *63° 7'* ... Longitude... *142° 36'*

Altitude... *1650* ... Direction slope faces.....

Nest.....<sup>0</sup>.....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:

*Black spruce*

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 *1 (in incubator)*

No. of unhatched eggs.....<sup>7</sup>.....

Cause of non-hatching of eggs.....*Nest broken*.....

*up by predator*.....

No. of chicks that left nest.....<sup>0</sup>.....

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



Name of Bird Pintail Year 1964

Locality of Nest ~~Tetlin Lake~~ Gasoline Lake Tetlin

Latitude 63° 6' Longitude 142° 37'

Altitude 1650 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:

Spruce

Moss

Salix

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 ?

Cause of non-hatching of eggs 2 collected rest possibly eaten by Black bear

No. of chicks that left nest 0

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



Name of Bird *Pintail* Year *1964*

Locality of Nest *Copper River Delta*

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

Altitude *Sea level!* 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 *Forb/Grass*

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 *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 *Pintail*

Year *1964*

Locality of Nest *Copper River Delta*

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 *Fork Grass*.....

List abundant plants:

*Iris, shooting star, Vetcl,  
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

On building  *in cavity*

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 Pintail Year 1964

Locality of Nest Copper River Delta

Latitude 60° 25' N Longitude 145° 30' W

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 .. Forb... Grass.....

List abundant plants:

Iris, Shooting Star, Vetch, 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

On building

FATE OF NEST

No. of eggs hatched ..... 0 .....

No. of unhatched eggs.....

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

..... Predation .....

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

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

.....



Name of Bird Pintail Year 1964

Locality of Nest Copper River Delta

Latitude... 60° 25' N Longitude... 145° 30' W

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... Forb... Grass.....

List abundant plants:

Iris, slookin, star  
vetch, 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
- On building

FATE OF NEST

No. of eggs hatched ..... Not known.....

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

*Pintail*

Year

*1964*

Locality  
of  
Nest

*Copper River Delta*

Latitude. *60°25'* Longitude. *145°30'*

Altitude. *Sea level!* 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 *Forb & Grass*.....

List abundant plants:

*Iris, shooting star,  
vetch, 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

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   | Year        |
| <i>Pintail</i> | <i>1964</i> |

Locality of Nest *Copper River Delta*

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

Altitude *Sea level!* 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 ... *Forb./Grass*.....

List abundant plants: *Vetch, Shooting Star, Sedge, Grass, Iris*

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 Pintail Year 1964

Locality of Nest Copper River Delta

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

Altitude sea level..... 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 Forb/Grass.....

List abundant plants:

Vetch, Shooting Star, Iris  
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
- On building

FATE OF NEST

No. of eggs hatched 2.....

No. of unhatched eggs 4.....

Cause of non-hatching of eggs 4 dead  
feathered chicks in nest.....

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

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

.....



Name of Bird Pintail Year 1964

Locality of Nest Coppen River Delta

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

Altitude sea level 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 Forb./ Grass.....

List abundant plants:

Vetch, shooting star, Iris  
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
- On building

FATE OF NEST

No. of eggs hatched 5.....

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 Pintail Year 1964

Locality of Nest Copper River Delta

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

Altitude sea level!... 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 Forb / Grass.....

List abundant plants:

Vetch, Shootin, Star, Iris  
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
- 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 *Pintail* Year *1964*

Locality of Nest *Copper River Delta*

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

Altitude *Sea level*. 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 *Forb / Grass*.....

List abundant plants:

*Vetch, Iris, Shooting Star,*

*Sedge, 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 *destroyed*.....

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 Pintail Year 1955

Locality of Nest Selawik

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

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

Nest... ~~20~~.....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:

Glyceria maxima  
grandis

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  in patch dry Glyceria

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 Pintail Year 1954

Locality of Nest Selawik, Alaska

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

Altitude.. 20'..... 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 ... coastal tundra.....

List abundant plants:

Calamagrostis sp.

Potentilla

Salix

Spyrea

POSITION OF NEST

In tree, brush or shrub

dead Salix?

On ground, under tree, brush or shrub  Spyrea

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 Pintail Year 1964

Locality of Nest Copper River Delta

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

Altitude sea level..... 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 Forb./Grass.....

List abundant plants:

Iris, Shooting Star, Vetch  
Sedge, 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  ~~in cavity~~ in cavity

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 Pintail Year 1957

Locality of Nest Selawik, Alaska

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 coastal tundra.....

List abundant plants:

*Alnus crispa*  
*Calamagrostis*

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub  *A. crispa*
- 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 Pintail

Year 1955

Locality of Nest Selawik, Alaska

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

Altitude 20'..... 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: coastal tundra

Carex Spp.

Ledum sp.

Betula nana

Ericoids

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  100yd. from lake on tundra

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.....

2 1 7 4 2 1 7 4 2 1  
 110 109 108 107 106 105 104 103 102 101

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

COPY

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer P. E. K. Shepherd  
28-D S. Fairway  
Pullman, Wash.

FOR OBSERVATIONS ON ONE NEST

| Day | Month | No. of Eggs | No. of Young | Adult on Nest? Sex? | Time |  |
|-----|-------|-------------|--------------|---------------------|------|--|
| 1   | 7     | 7           |              | ♀ on                | 1100 |  |
| 2   | 7     | hatched     |              |                     |      |  |
| 3   |       |             |              |                     |      |  |
| 4   |       |             |              |                     |      |  |
| 5   |       |             |              |                     |      |  |
| 6   |       |             |              |                     |      |  |
| 7   |       |             |              |                     |      |  |
| 8   |       |             |              |                     |      |  |
| 9   |       |             |              |                     |      |  |
| 10  |       |             |              |                     |      |  |
| 11  |       |             |              |                     |      |  |
| 12  |       |             |              |                     |      |  |
| 13  |       |             |              |                     |      |  |
| 14  |       |             |              |                     |      |  |
| 15  |       |             |              |                     |      |  |
| 16  |       |             |              |                     |      |  |
| 17  |       |             |              |                     |      |  |
| 18  |       |             |              |                     |      |  |
| 19  |       |             |              |                     |      |  |
| 20  |       |             |              |                     |      |  |
| 21  |       |             |              |                     |      |  |
| 22  |       |             |              |                     |      |  |
| 23  |       |             |              |                     |      |  |
| 24  |       |             |              |                     |      |  |
| 25  |       |             |              |                     |      |  |
| 26  |       |             |              |                     |      |  |
| 27  |       |             |              |                     |      |  |

REMARKS: e.g. Birds banded, pertinent weather information, etc.

~~egg began hatching 8/1/55~~

Nest: lichen  
Detula nana  
 down

309 308 307 306 305 304 303 302 301  
 1 7 4 2 1 7 4 2 1

UNISORT AND LIVES CARD  
 BURROUGHS CORPORATION - TOPO DIVISION - L

UNISORT

Name of Bird Pintail Year 1955

Locality of Nest Selawik, Alaska

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

Altitude... 20' ..... 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 ... coastal tundra .....

List abundant plants:

Calamagrostis  
Glyceria  
Spiraea

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 low bank 10' from pond edge

FATE OF NEST

No. of eggs hatched .... 7 .....

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 Pintail Year 1955

Locality of Nest Seiawik, Alaska

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

Altitude... 20' ..... 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:

Betula nana

Ericads

Carex Spp.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

Betula nana

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.....

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

.....

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

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

.....



Name of Bird Pintail Year 1955

Locality of Nest Selawik, Alaska

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

Altitude 20'..... 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 Coastal tundra.....

List abundant plants:

Sativ spp.  
Calamagrostis  
Equisetum 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  on island on small pond

FATE OF NEST

No. of eggs hatched 6.....

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 Pintail Year 1955

Locality of Nest Selawik, Alaska

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 ..... coastal tundra .....

List abundant plants:

Salix Spp.  
Alnus crispa  
Calamagrostis

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 Pintail Year 1955

Locality of Nest Selawik, Alaska

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

Altitude 20..... 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:

Carex Spp.  
Ericads

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  100' from good sized pond

FATE OF NEST

No. of eggs hatched .....

No. of unhatched eggs. 3. 2 aged 20 days. 1 na. visible. Embryo.

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

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

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



Name of Bird Pintail Year 1955

Locality of Nest Selawik, Alaska

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

Altitude... 20 ..... 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 .... Coastal tundra .....

List abundant plants:

Calamagrostis

Alnus crispa

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub  A. Crispa

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 destroyed by

No. of eggs hatched ..... Eskimo .....

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 Pintail Year 1955

Locality of Nest Selawik, Alaska

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

Altitude 20' 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 Coastal tundra.....

List abundant plants:

Carex Spp 70%

Betula nana 5%

Ericads

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub  B. nana

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 Destroyed

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 Pintail Year 1955

Locality of Nest Selawik, Alaska

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

Altitude 20'..... 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 ...coastal...tundra.....

List abundant plants:  
Calamagrostis  
Carex

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub  A. Crispa  
Myrica

On ground, not under tree, brush or shrub  Gale  Bush

On ground, in open on sand or rocks

On cliff or bank  On floating mat

On building  at edge of small pond

FATE OF NEST destroyed

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 Pintail Year 1955

Locality of Nest Selawik, Alaska

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

Altitude 20' 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 coastal tundra

List abundant plants:

Ledum 10%

Carex 20%

Lichen 80%

Ericads

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

amid Sedges 100'

FATE OF NEST destroyed by dog  
from small pool

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 <i>Pintail</i> | Year <i>1956</i> |
|-----------------------------|------------------|

Locality of Nest *Selawik, Alaska*

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

Altitude... *20'* ..... 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... *coastal tundra*.....

List abundant plants:

*Alnus crispa*

*Salix* *Spp.*

*Calamagrostis* *sp.*

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub  *base of Salix in clump. A. crispa*

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  *near slough*

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 Pintail Year 1956

Locality of Nest Selawik, Alaska

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

Altitude 20' 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 Coastal tundra

List abundant plants:

Ledum Sp.  
Betula nana  
Ericads

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 Pintail Year 1956

Locality of Nest Selawik, Alaska

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

Altitude.. 20'..... 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 .. coastal tundra.....

List abundant plants:

Calamagrostis

Rubus Sp

Vaccinium

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub  clump

On ground, in open on sand or rocks  of Calama-  
grostis

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.....

