

Name of Bird Pintail | Year 1959

Locality of Nest Tetlin

Latitude 63° 4' Longitude 142° 40'

Altitude 1650 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:

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 Anas acuta | Year 1960

Locality of Nest mile 9 Steese Highway

Latitude _____ Longitude _____

Altitude 600 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 Marsh

Other _____

List abundant plants:

Willow
Birch
Sedge

In gravel-pit pool

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 ? Only brood seen

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 2
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: *R. Weedon*
Box 425 College

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
7	6	—	7	♀ with 2 eggs brood	2:00 p.m.

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

Very young chicks - perhaps 1-2 days old - with hen.

UNISORT
ANALYSIS CARD STD. FORM Y 12
1 201
2 202
4 203
7 204
1 205
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4 207
7 208
1 209
2 210
4 211
7 212
1 213
2 214
4 215
7 216
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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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 0

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

Nest destroyed

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Peter E. K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
<i>14</i>	<i>MAY</i>	<i>3</i>		<i>off</i>	

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

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

UNISORT
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

1 201
2 202
4 203
7 204
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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

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub Drift

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 _____

Cause of death of chicks not leaving _____

Nest _____

2 1 7 4 1 7 1

110 109 108 107 106 105 104 103 102 101

UNISORT ANALYSIS CARD STD. FORM Y 12

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227

UNISORT

27
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20
7
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18
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17
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16
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7
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4
10
2
9
1
8
7
7
4
6
2
5
1
4
7
3
4
2
1

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Peter E.K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
<i>14</i>	<i>MAY</i>	<i>6</i>		<i>off</i>	
<i>30</i>	<i>"</i>	<i>8</i>		<i>♀</i>	

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

1 2 4 7 1 2 4 7 1

309 308 307 306 305 304 303 302 301

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub Drift

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 10

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

Peter E. K. Shepherd

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
13	MAY	13			
24	MAY	10			
6	June	Hatch			

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

UNISORT 309 308 307 306 305 304 303 302 301

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

1 201
2 202
4 203
7 204
1 205
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7 207
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2 210
4 211
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7 220
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2 222
7 223
7 224
1 225
2 226
4 227

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 13*

No. of unhatched eggs ?

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving

*Nest Shells of some hatched

eggs were found, but high tides possibly carried away others

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 9

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 _____

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

27 4

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

Peter E.K Shepherd

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
12	MAY	8		♀	
17	"	9		♀	
31	"	9			
11	June	hatch			

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

UNISORT ANALYSIS CARD STD. FORM Y 12
1 201
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4 211
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2 215
4 216
7 217
1 218
2 219
4 220
7 221
1 222
2 223
4 224
7 225
1 226
2 227

UNISORT

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

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

Name of Bird Pintail | Year 1959

Locality of Nest COPPER RIVER Delta

Latitude _____ Longitude _____

Altitude 0' 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:

CAREX / FORBS

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 6

No. of unhatched eggs 1

Cause of non-hatching of eggs WHOLE

YOLK (INFERTILE?)

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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: CAREX / FORBS

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub DRIFT

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 0

No. of unhatched eggs 2

Cause of non-hatching of eggs Nest site

USURPED by Goose

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

CAREX / FORBS

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub DRIFT

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 0

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

Destroyed

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **PETER E. K. SHEPHERD**
BOX 751 COLLEGE

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST (SEX)	TIME
12	MAY	7			
21	"	12			
30	"	11			
11	JUNE				

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

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

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

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

Name
of
Bird

Pintail

Year

1959

Locality
of
Nest

Copper River Delta

Latitude

Longitude

Altitude

0'

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:

CAREX / FORBS

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub DRIFT

On ground, in open on sand or rocks

On cliff or bank

On floating mat

FATE OF NEST

No. of eggs hatched

0

No. of unhatched eggs

5

Cause of non-hatching of eggs

Destroyed

by gull

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird PINTAIL Year 1959

Locality of Nest COPPER RIVER DELTA

Latitude _____ Longitude _____

Altitude 0' 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: CAREX / FORBS

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub DRIFT

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 1

Cause of non-hatching of eggs Dead

Embryo

No. of chicks that left nest 5?

Cause of death of chicks not leaving

Nest _____

Name of Bird PINTAIL | Year 1961

Locality of Nest COHOE - ON KASLOF RIVER FLATS

Latitude 60° Longitude 151°

Altitude 10' 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 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 6

No. of unhatched eggs NONE

Cause of non-hatching of eggs _____

No. of chicks that left nest 6

Cause of death of chicks not leaving _____

Nest _____

2 1 7 4 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
15 4
14 2
13 1
12 7
11 4
10 2
9
8 7
7
6 2
5 1
4 7
3 4
2
1

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *MARY A. SMITH COHOE, ALASKA*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
<i>30</i>	<i>MAY</i>	<i>6</i>		<i>F</i>	<i>2:50 p.m.</i>
<i>10</i>	<i>JUNE</i>	<i>6</i>		<i>F</i>	<i>3:10 p.m.</i>
<i>16</i>	"	<i>6</i>			<i>5:30 p.m.</i>
<i>24</i>	"				

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

empty shells in nest

UNISORT CARD ST. FORM 121
1
2
4
7
1
2
4
7
1
2
4
7
1
2
4
7
1
2
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1
2
4
7
1
2
4
7

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

Name of Bird

PINTAIL

Year

1961

Locality of Nest

COHOE - ON KASILOF RIVER FLATS

Latitude

60°

Longitude

151°

Altitude

10'

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

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

Cause of non-hatching of eggs

No. of chicks that left nest

7

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

UNISORT ANALYSIS CARD STD. FORM Y 12

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **MARY. A. SMITH
 COHOE, ALASKA**

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
10	JUNE	7		F	3:05 p.m.
16	"		7*		5:35 pm

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

**EMPTY SHELLS FOUND
 IN NEST**

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

UNISORT

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

Name of Bird PINTAIL | Year 1961

Locality of Nest COHOG - UPPER TRAP LAKE

Latitude 60° Longitude 151°

Altitude 80 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 by shore of lake

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 6

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest 6

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 **MARY. A. SMITH**
COHOE. ALASKA

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
5	JUNE	6		F	10:23 A.M.
25	"		6		11:27 A.M.

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

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

UNISORT
ANALYSIS CARD
ETD. FORM Y 12

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 422 1 2 2 7 225 226 227 422

Name of Bird PINTAIL | Year 1961

Locality of Nest KASILOF RIVER FLATS - COHOE

Latitude 60° Longitude 151°

Altitude _____ Direction slope faces _____

Nest 10+ 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 TIDAL RIVER FLAT

List abundant plants:

SEDGE
GRASSES

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub IN PATCH OF GRASS

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 7

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest 7

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 1
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 **MARY. A. SMITH
COHOE, ALASKA**

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
16	JUNE	7		F	2:30 3:00 P.M.
24	"				

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

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

UNISORT

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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: CARBS / Forbs

POSITION OF NEST

In tree, brush, or shrub
On ground, under tree, brush or shrub DRIFT
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 2

Cause of non-hatching of eggs Is Nest

Abandoned after some Eggs destroyed by Gull

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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: CAREX / FORB

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub DRIFT

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 0

No. of unhatched eggs _____

Cause of non-hatching of eggs Destroyed
by avian predator

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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: Carex / Forb

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 0

No. of unhatched eggs 1

Cause of non-hatching of eggs Abandoned
when goose usurped the
location

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 0

No. of unhatched eggs 1

Cause of non-hatching of eggs Destroyed

Whole Yolk

No. of chicks that left nest 0

Cause of death of chicks not leaving

Nest _____

110 109 108 107 106 105 104 103 102 101

UNISORT
ANALYSIS
CARD
S.D. FORM Y112

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Peter E. K. Shepherd
Box 751, College*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
<i>12</i>	<i>MAY</i>	<i>1</i>			
<i>14</i>	<i>June</i>	<i>1</i>			

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

309 308 307 306 305 304 303 302 301

1 2 4 7 1 2 4 7

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

UNISORT

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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: Carex spp.
Forbs

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub along drift

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 4

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest 4

Cause of death of chicks not leaving _____

Nest _____

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: **Peter E. K. Shepherd**
Box 751, College

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
10	MAY	1		♀	
14	"	4		off	
?	June	?			

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

UNISORT ANALYSIS CARD STD. FORM Y 12

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228

309 308 307 306 305 304 303 302 301

UNISORT

1 7 4 2 1 7 4 2 1

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex 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

FATE OF NEST

No. of eggs hatched 0

No. of unhatched eggs 1

Cause of non-hatching of eggs _____

Destroyed

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

UNISORT
 ANALYSIS
 CARD
 STD. FORM Y 12

ALASKA NEST RECORD CARD
 University of Alaska, College, Alaska

Name and address of observer *Peter E. K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX!	TIME
<i>17</i>	<i>MAY</i>	<i>31</i>			

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

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

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

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 _____

Cause of death of chicks not leaving _____

Nest _____

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: Peter E. K. Shepherd

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
14	MAY	2		off	
24	"	8		♀	
14	June	Hatch			

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

UNISORT
 CARD ST.D. FORM Y 12
 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

UNISORT
 4 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

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

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

in tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub Drift

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 0

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

Destroyed by avian pred.

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 7

No. of unhatched eggs 6

Cause of non-hatching of eggs 3-whole yolk
3-pipped but dead in egg

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

2 1 7 4 7 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: *Peter E. K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
17	MAY	15			
29	"	15			
11	June	13			
15	"	13	(3 pipping)		

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

UNISORT ANALYSIS CARD STD. FORM Y 12

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

UNISORT

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

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

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 _____

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: *Peter E. K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
19	MAY	7		off	
30	"	7		"	
17	June	Hatch			

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

UNISORT

309 308 307 306 305 304 303 302 301

1 7 4 2 1 7 4 2 1

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' Direction slope faces _____

Nest 0' 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 Marsh

Other _____

List abundant plants:

Carex / Forbs

POSITION OF NEST

- In tree, brush, or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub Drift
- 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 _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

- In free, 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 0

No. of unhatched eggs 1

Cause of non-hatching of eggs _____

Destroyed by gull

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs / Shrub

POSITION OF NEST

- In tree, brush, or shrub
- On ground, under tree, brush or shrub Betula sp.
- 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 0

No. of unhatched eggs 3

Cause of non-hatching of eggs _____

Destroyed by gull

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

110 109 108 107 106 105 104 103 102 101

27 4

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Peter E.K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
17	MAY	3		off	

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

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

UNISORT

309 308 307 306 305 304 303 302 301

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

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 0

No. of unhatched eggs 1

Cause of non-hatching of eggs _____

Destroyed by gull

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Peter E.K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

UNSORT

ANALYSIS

CARD	DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
1	17	MAY	1		off	
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						

STANDARD FORM 112

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

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

UNSORT
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11
12 12
13 13
14 14
15 15
16 16
17 17
18 18
19 19
20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 0

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: Peter E. K. Shepherd

UNISORT ANALYSIS CARD STD. FORM Y 12

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
19	MAY	5		♀	
	Hatch				

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

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

UNISORT

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub Drift

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 9

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 _____

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

UNISORT
University of Alaska, College, Alaska

Name and address of observer: *Peter E.K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
19	MAY	9		♀	
25	"	9		"	

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

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

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 4

No. of unhatched eggs 3

Cause of non-hatching of eggs _____

missing

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 *Peter E. K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST(S) SEX(S)	TIME
19	MAY	7		♀	
11	June	4		off	

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

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

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

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 7

No. of unhatched eggs 1

Cause of non-hatching of eggs _____

whole yolk

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

110 109 108 107 106 105 104 103 102 101

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and
address
of
observer

Peter E. K. Shepherd

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
19	MAY	8		♀	
15	JUNE	1			

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

UNISORT CARD STD. FORM Y 12

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

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

CAREX / FORGS

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub **DRIFT**

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 _____

Cause of death of chicks not leaving _____

Nest _____

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **Peter E.K. Shephard**
Box 751 College

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
10	May	2		off	
14	"	7		off	
24	"	8		♀	

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

UNISORT

ANALYSIS CARD STD. FORM Y12

UNISORT

1 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
 101 102 103 104 105 106 107 108 109 110

1 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
 101 102 103 104 105 106 107 108 109 110

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 6

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 _____

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: *Peter E.K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
19	MAY	4		off	
25	"	6		♀	
13	June	Hatch			

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

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

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 7

No. of unhatched eggs 1

Cause of non-hatching of eggs ~~not~~

whole yolk (infert.?)

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: *Peter E. K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
19	MAY	8		off	
25	"	8			
13	June	1	remain		

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

1 201
2 202
4 203
7 204
1 205
2 206
7 207
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

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

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs / shrub

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 0

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

Peter E. K. Shepherd

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
20	MAY	5		♀	
26	June	hatched			

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

27 4
26 4
25 1
24 7
23 4
22 1
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 7
6 2
5 1
4 7
3 4
2 2
1 1

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

UNISOR

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 0

No. of unhatched eggs 5

Cause of non-hatching of eggs Destroyed

by avian pred.

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

2 1 7 4 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

UNISORT
ANALYSIS
CARD
ST.D. FORM Y 12

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: *Peter E. K. Shepherd*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
20	MAY	5			

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

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

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

Name of Bird Pintail Duck Year 1960

Locality of Nest in a small intermittent drainage just downslope and to the south of botanical plot 40; Ogotoruh Valley.

Latitude 68° 07' N Longitude 165° 40' W.

Altitude ca 200' Direction slope faces SE

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:

Eriophorum angustifolium, Salix pulchra, Carex aquatilis etc.

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

F.S.L. Williamson followed the development of this 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 1960

Locality of Nest Koichak Bay, Copenhagen Ek.

Latitude 58° 50' Longitude 157° 10'

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:

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 Pintail Year 1960

Locality of Nest Koichak Bay, Copenhagen Ch.

Latitude 58° 50' N Longitude 157° 10' W.

Altitude 5' 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 Grassy Island

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 Nest destroyed by high storm tide.

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex/Forbs

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 _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / forbs / brush

POSITION OF NEST

in tree, brush, or shrub

On ground, under tree, brush or shrub Betula sp

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 7

No. of unhatched eggs 2

Cause of non-hatching of eggs 1- whole yolk

1- dead embryo

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub drift

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 7

No. of unhatched eggs 6

Cause of non-hatching of eggs 1 - whole yolk

5 dead chicks

No. of chicks that left nest _____

Cause of death of chicks not leaving - drowning

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

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

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 _____

2 1 7 4 1 7 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
UNISORT
University of Alaska, College, Alaska

Name and address of observer *Peter E. K. Shepherd*

ANALYSIS CARD
FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
<i>20</i>	<i>MAY</i>	<i>7</i>		<i>♀</i>	

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

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

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

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 7

No. of unhatched eggs 1

Cause of non-hatching of eggs 1 - dead embryo

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

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

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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

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

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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 3

No. of unhatched eggs 3

Cause of non-hatching of eggs 1- dead feathered

embryo 1- visible yolk 1- addled

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub Drift

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 _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:
Carex / Forbs

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 3
No. of unhatched eggs 4 - not pipped
Cause of non-hatching of eggs nest ~~not~~

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 3

No. of unhatched eggs 3

Cause of non-hatching of eggs 1 - whole yolk

1 - addled 1 - dead embryo

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 missing

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 3

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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub drift

On ground, in open on sand or rocks

On cliff or bank On floating mat

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 7

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex (Forbs)

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub Drift

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 3

Cause of non-hatching of eggs 1 - dead pipped

2 - advanced embryos

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs / Salix sp

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

dead Salix sp

On ground, in open on sand or rocks

On cliff or bank

On floating mat

FATE OF NEST

No. of eggs hatched 6

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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex 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

FATE OF NEST

No. of eggs hatched 4

No. of unhatched eggs 2

Cause of non-hatching of eggs 1 - whole embryo

1 - dead piped chick

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude Longitude

Altitude 0' 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:

Carex 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

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 1959

Locality of Nest Upper River Delta

Latitude Longitude

Altitude 0' 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:

Carex 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

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs 1

Cause of non-hatching of eggs dead feathered

chick in unpeeped egg

No. of chicks that left nest

Cause of death of chicks not leaving

Nest

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude Longitude

Altitude 0' 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:

Carex / Forbs

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 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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 6

No. of unhatched eggs 1

Cause of non-hatching of eggs 1 - addled

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex 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

FATE OF NEST

No. of eggs hatched 6

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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Betula sp.

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub Betula sp.

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 _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 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 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 _____

Cause of non-hatching of eggs _____

Fate unknown

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail | Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex 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

FATE OF NEST

No. of eggs hatched 0

No. of unhatched eggs 8

Cause of non-hatching of eggs _____

Flooded

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 9

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

1959

Locality
of
Nest

Copper River Delta

Latitude

Longitude

Altitude

0'

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:

Carex / Forbs

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub Drift

On ground, in open on sand or rocks

On cliff or bank

On floating mat

FATE OF NEST

No. of eggs hatched

6

No. of unhatched eggs

1

Cause of non-hatching of eggs

1-Addled

No. of chicks that left nest

Cause of death of chicks not leaving

Nest

Name of Bird Pintail Year 1959

Locality of Nest Copper River Delta

Latitude _____ Longitude _____

Altitude 0' 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:

Carex / Forbs

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 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 _____

