

Trumpeter Swan

Name of Bird Olor buccinator Year 1967

Locality of Nest #25 Stormy Lake (KNMR)

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

Altitude.... 90 ft. Direction slope faces.....

Nest..... 2.....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 Island.....

List abundant plants:

Sedges, grasses
dead & dying Picea mariana

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.....

.....

No. of chicks that left nest..... 0.....

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

.....

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

NAME and ADDRESS OF OBSERVER
NATIONAL MOOSE RANGE
Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
23	6	6	0	Yes	-
11	7	Abandoned			
24	7	2 adults on lake No eggs!			

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

UNISORT ANALYSIS CARD FORM Y 2 BIRDS BANDING SURVEY

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

Trumpeter Swan

Name of Bird

Olor buccinator

Year

1967

Locality of Nest

24

Tony's Lake - (KNMP)

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

Altitude.. *112 ft.* Direction slope faces.....

Nest.... *1.5*.....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, some grasses.

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 *3 sure*.....

No. of unhatched eggs. *3?*.....

Cause of non-hatching of eggs.....*?*.....

No. of chicks that left nest... *3 sure*.....
?

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

Trumpeter Swan

Name of Bird olor buccinator Year 1967

Locality of Nest #23 Beck Lake (KNMR)

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

Altitude... 170 ft. Direction slope faces.....

Nest... 1.5 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... Sedge mat.....

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
- 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
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9 1
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7 4
6 2
5 1
4 7
3 4
2 2
1 1

UNISORT ALASKA BUREAU OF LAND MANAGEMENT

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

FEDERAL NATIONAL MOOSE RANGE
Name and address of observer: **Box 500, Kenai, Alaska 99611**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
13	6	7	0	Yes	-
23	6	-	0	Yes	1945
11	7	Unable to locate			
22	8		"	"	"

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

Nest abandoned

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

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1 225
2 226
4 227

Trumpeter Swan

Name of Bird *Olor buccinator* Year *1967*

Locality of Nest *#22 Nikishka (KNMR)*

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

Altitude... *90 ft.* Direction slope faces.....

Nest..... *1.5* 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

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched ... *4 sure*

No. of unhatched eggs... *2 possibly*

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

.....

No. of chicks that left nest... *4*

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
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13 1
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10 2
9 1
8 7
7 4
6 2
5 1
4 7
3 4
2 2
1 1

UNISORT ALASKA STATE COLLEGE

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer
KENAI NATIONAL MOOSE RANGE
Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
13	6	6	0	Yes	-
23	6	-	-	Yes	1945
11	7	-	4	No	-
22	8	-	3	No	-

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

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2 226
4 227

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

Trumpeter Swan

Name of Bird Olor buccinator Year 1967

Locality # 21 (KNMR)
Nest East Forelands

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

Altitude... 150 ft. Direction slope faces.....

Nest... 2 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... Sedge mat

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

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched... 3 sure

No. of unhatched eggs... 1 possibly

Cause of non-hatching of eggs... ?

No. of chicks that left nest... 3 sure

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

NAME AND ADDRESS OF OBSERVER

Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest?	Sex?	Time
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13	6	4	0	Yes		-
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23	6	-	-	No	Covered	-
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*11	7	-	3	No		-
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22	8	-	3	No		-
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REMARKS: e.g. Birds banded, pertinent weather information, etc.

* 2 adults, 3 cygnets located 0.5 mile. NNE of nest site.

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

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

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
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

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Trumpeter Swan

Name of Bird *Olor buccinator* Year *1967*

Locality # *20*
of Nest *Fox River (NMR)*

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

Altitude... *80 ft.* 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 *Next... to... pond... outlet.....*

List abundant plants:

Sedges + grasses.

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 *4 sure*

No. of unhatched eggs... *1 possible*

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

No. of chicks that left nest... *4 sure*

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

KENAI NATIONAL MOOSE RANGE

Name and address of observer
P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
4	6	5	0	Yes	-
7	7	0	4	No	-
27	8	-	4	No	-

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

Trumpeter Swan

Name of Bird *Olor buccinator* Year *1967*

Locality # *19*
of Nest *Clam Gulch (2 mile SE)*

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

Altitude *325 ft.* Direction slope faces.....

Nest *2*.....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

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched *4 sure*.....

No. of unhatched eggs.....

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

No. of chicks that left nest *4 sure*.....

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

KENAI NATIONAL MOOSE RANGE
 Name and address of observer
 P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
4	6	8	0	Yes	-
4	6	-	-	Yes	-
7	7	-	4	No	-
*22	8	-	-	No	-

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

* 2 Adults on lake - unable to locate cygnets.

1 201
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4 203
7 204
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2 206
4 207
7 208
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4 211
7 212
1 213
2 214
4 215
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4 219
7 220
1 221
2 222
4 223
7 224
1 225
2 226
4 227

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

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Trumpeter Swan

Name of Bird Olor buccinator Year 1967

Locality # 18 (KNMR)
of Nest Pollards' Lake

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

Altitude... 100 ft.: Direction slope faces.....

Nest... 2.5.....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 Island 20x20 ft.

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

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 2

Cause of non-hatching of eggs... 1 egg infertile

Original clutch may have been 6!

No. of chicks that left nest 5

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
KENNETH NATIONAL MOOSE RANGE
P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
4	6	7	0	Yes	-
4	6	7	0	No	-
19	6	2	4	Yes	-
20	6	1	5	Yes	-
*22	6	1	5	No	-
7	7	-	5	No	-
22	8	-	5	No	-

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

* family left nest. Remained in lake - hid in grass when disturbed.
June 23. 1 Egg taken from nest by Mrs. Fletcher.

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

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Trumpeter Swan

Name of Bird Olor buccinator Year 1967

Locality # 17 (Bay Lake?) (KNMR)
of Nest Coal Creek Lake (2 mile S.)

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

Altitude 203 ft. Direction slope faces.....

Nest 1.5 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 Sedge mat, edge of lake.

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

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 sure

No. of unhatched eggs 1 possible

Cause of non-hatching of eggs ?

No. of chicks that left nest 5 sure

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

Name of Bird Olar buccinator Year 1967

Locality # 16 (KNMR)
of Nest Moose Lake (1 mile NW)

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

Altitude... 242 ft. Direction slope faces.....

Nest... 1.5 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... Edge of lake - wet.....

List abundant plants:

Sedges + grasses

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... 3 sure... 3 questionable

No. of unhatched eggs... ?.....

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

No. of chicks that left nest... 3 sure.....

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
KENAI NATIONAL MOOSE RANGE
PO Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
6	6	6	0	Yes	-
18	6	6	-	No. Hiding.	-
22	6	-	-	Yes	0600
27	6	appears empty	3	No	-
30	6	No birds	observed		
6	7	0	2	No	-
23	7	No birds	observed		
*3	8	-	2	No	-
24	8	Unable to locate			
24	8	"	"	"	"

REMARKS: e.g. Birds banded, pertinent weather information, etc.
 * on next lake North.

309 308 307 306 305 304 303 302 301
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UNISORT
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 BULL DOGS
 COOPERATION
 DIVISION - L

UNISORT

Name of Bird Olor buccinator Year 1967

Locality # 15 (RNMR)
of Nest Harvey Lake (1 mile NW)

Latitude..... Longitude.....
Altitude.... 830..... 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 ... Sedge mat at l.k. edge

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
- 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

ALASKA NEST RECORD CARD
University of Alaska, College, Alaska

Name and address of observer: **NATIONAL MOOSE RANGE**
P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
8	6	3	0		-
23	7	No birds observed.			

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

Nest abandoned.

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

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Name of Bird Olor buccinator Year 1967

Locality #14. (KNMR)
Nest Snipe Lake (1 mile N.)

Latitude..... Longitude.....
Altitude... 100 ft...... Direction slope faces.....
Nest..... 1.0.....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 ... drainage.....

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
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..... 5
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

UNIVERSITY NATIONAL MOOSE RANGE
 Name and address of observer
 P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
8	6	5	0	Yes	-
13	6	-	-	Yes	-
23	6	5	0	No uncovered 1930	-
11	7	?	4	No	-
22	8	-	5	No	-

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

309 308 307 306 305 304 303 302 301
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UNISORT

Name of Bird	<i>Olor buccinator</i>	Year	1967
Locality #13 of Nest	<i>Dipper Lake</i>		

(KNMR)

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

Altitude.. *131*..ft. Direction slope faces.....

Nest..... *2*.....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 .. *Island..... 40 x 10 yds.....*

List abundant plants:

Picea mariana
grasses
Ledum

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.... *0*.....

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer
 KENAI NATIONAL MOOSE RANGE
 P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
8	6	6	0	Yes	-
13	6	-	-	Yes	-
23	6	6	0	No	1930
6	7	0	6	No	-
13	7	0	6	No	-
22	8	-	6	No	-

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

UNISORT AMERICAN MOUNTAIN CORP. - TOOD DIVISION - L

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1 7 4 2 1 7 4 2 1

UNISORT

Name of Bird Olor buccinator Year 1967

Locality of Nest #12 Vogel Lake (1/4 mile NE) KNMR

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

Altitude... 100 ft. : Direction slope faces.....

Nest..... 1.5 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
- 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..... 3

Cause of non-hatching of eggs.. predator?

.....

No. of chicks that left nest..... 0

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

.....

Name of Bird Olor buccinator Year 1967

Locality #11 KNMR
of Nest Moose Point (2mi. South)

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

Altitude 90 ft. Direction slope faces.....

Nest 1.0 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 Sedge mat @ l.k. outlet.

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

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 4 sure

No. of unhatched eggs 1 possibly

Cause of non-hatching of eggs ?

No. of chicks that left nest 4

Cause of death of chicks not leaving nest ?

Name of Bird Olav baccinator Year 1967

Locality # 10 (KNMR)
of Nest Hook Lake (1 mi. West)

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

Altitude... 170 ft. MSL Direction slope faces.....

Nest..... 2.....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 Marsh area, a point extend-
ing from lake shore.
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
- 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..... 5
- 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
 NATIONAL MOOSE RANGE
 P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
8	6	5	0	Yes	-
13	6	-	0	No	-
23	6	-	5	No	1850
30	6	-	3	No	-
6	7	-	2	No	-
23	7	-	2	1/2 mi. N. of nest.	-
*24	7	-	-	2 Adults.	-
22	8	Not observed			
24	8	"	"	"	"
21	9	-	2	No	-

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

* ♀ banded #F-1 ^{neck} 569-00105. ^{leg}
 wt. 24.5 lb. ; Head 8.5 in.
 Length 55 in. Bill (fr. eye) 5.5 in.
 Tail 9 in. Wing 21.5 in.
 Foot 12.5 in.

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

UNISORT

Name of Bird Olor buccinator Year 1967

Locality # 9 KNMR.
of Nest Curlew Lake (1 mi. NE)

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

Altitude... 185 ft. Direction slope faces.....

Nest... 1.5.....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:

Marsh area - sedges.

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 ... 3 sure.....

No. of unhatched eggs.. 2 possibly.....

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

.....

No. of chicks that left nest... 3.....

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

KENAI NATIONAL MOOSE RANGE
Name and address of observer
Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
8	6	5	0	Yes	-
13	6	5	-	Yes	-
23	6	0	No birds seen	No	1845
*6	7	-	3	No	-
22	8	-	3	No	-

REMARKS: e.g. Birds banded, pertinent weather information, etc.
** 1 mile SW of nest site
0 2 mile E of Snag Lake*

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

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

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

UNISORT

Name of Bird Olar buccinator Year 1967

Locality # 8
of Nest Nest Lake - (KNMR)

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

Altitude.. 200 ft. Direction slope faces.....

Nest..... 2.5 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 .. Sedge mat.....

List abundant plants:

Sedges - large mat at south lake shore.

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..... 1.....

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

No. of chicks that left nest..... 5.....

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
KENAI NATIONAL MOOSE RANGE
Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
2	5	0	0	No	-
17	5	1	-	Yes	-
24	5	-	-	Yes	-
1	6	6	-	Yes	-
13	6	-	-	Yes	-
22	6	6	-	No	-
23	6	-	-	No covered	1830
30	6	1	5	No	-
*6	7	1	-	-	-
11	7	No birds sighted			
20-24	7	"	"	"	"
1	8	Adults but no cygnets			
9	8	"	"	"	"
22	8	No cygnets			

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

* This egg out of nest, landed & retrieved.
 Adult ♀ banded July 10.
 Tail 8"; foot 1 1/2"; head 8 1/2";
 bill 6"; wing 23"

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

UNISORT ALASKA NEST RECORD CARD STD. FORM NO. 22 EURING DIVISION OF DEPARTMENT OF GAME AND FISHERIES

UNISORT

Name of Bird <i>Olor buccinator</i>	Year <i>1967</i>
-------------------------------------	------------------

Locality #7
of Nest *Krein lake - (KNMR)*

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

Altitude.... *183 ft.* Direction slope faces.....

Nest.... *1.5* 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 ... *Island*

List abundant plants:

*Sparse Picea,
grasses and ledum.*

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 *4 sure, 6 maybe.*

No. of unhatched eggs... *1 sure*

Cause of non-hatching of eggs... *in fertile*

No. of chicks that left nest... *4 - 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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **NATIONAL MOOSE RANGE**
P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
21	5	-	-	Yes	-
8	6	7	-	Yes	-
13	6	-	-	Yes	-
23	6	-	2	Yes	-
30	6	†	4	No	-
6	7	-	-	No	1900
23*	7	-	2	No	-
24	7	-	2	No	-
22*	8	-	2	No	-
x		2 miles NW of Kreni Lk.			

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

* July 23. Birds (2A & 2cyg)
1½ miles NW on lake.

July 24. Banded adult ♀
Band # E-1 & 569-00104; wt. 24#
Length 53.5"; tail 9"; foot 10¼";
head 7¾"; bill 5.5"; wing 20."

309 308 307 306 305 304 303 302 301

1 2 4 7 1 2 4 7 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

UNISORT

Name of Bird Olor buccinator Year 1967

Locality of Nest #6 (1/2 mi West) Fish Lake (KNMR)

Latitude..... Longitude.....
Altitude..... 200' Direction slope faces.....
Nest..... 1.5.....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 Creek inlet - sedge mat

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
- On ground, ~~in open on sand or rocks~~
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched 3.....
No. of unhatched eggs..... 1.....
Cause of non-hatching of eggs..... ? -.....
.....
No. of chicks that left nest..... 3.....
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
 NATIONAL MOOSE RANGE
 Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time	
12	5	-	-	Yes	-	
24	5	-	-	Yes	-	
1	6	-	-	Yes	-	
8	6	4	-	Yes	-	
12	6	-	-	No covered 1700	-	
15	6	-	-	Yes	-	
22	6	-	-	Yes	-	
23	6	1	3	No	-	
30	6	-	3	No	-	
7	7	-	3	No	-	
23	7	-	3	Yes	-	
24	7	-	3	Yes	-	
22	8	-	3	No	-	
14	9	-	3	No	-	
7 22	7 8	2 adults, 3 eggs, at Drake Lake 1 mi SW				

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

Sept. 14, 2 cygnets banded
 ♀ left leg, #569-00112
 red neck band, wt. 17 lbs.
 ♀ left leg, #569-00113,
 red neck band, wt. 16 lbs.

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

Name of Bird Olor buccinator Year 1967

Locality of Nest #5 Mink Creek Lake (KNMR)

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

Altitude... 147' Direction slope faces.....

Nest... 1.5 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 At lake outlet, sedge mat

List abundant plants:

Sedge - very moist

· 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..... 1

Cause of non-hatching of eggs... in. fertile

.....

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **NATIONAL MOOSE RANGE**
 Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time	
19	4	Pr. @ nest site, creek open, lake frozen				
1	5	nest constructed (may be eggs covered?)				
2	5	-	-	Yes	-	
12	5	7	-	Yes	-	
18	5	-	-	Yes	-	
1	6	-	-	Yes	-	
7	6	-	3	Yes	-	
8	6	1	6	Yes	-	
12	6	1	-	-	1700	
13	6	+	6	-	-	
15	6	no cygnets observed. pieces of shell in nest				
23	7	-	6	-	-	
12	8	-	6	-	-	
22	8	-	6	-	-	

REMARKS: e.g. Birds banded, pertinent weather information, etc.
 June 27, one adult banded.
 Neck band B-1; leg band #569-00102
 wt. 23 lbs. head 8"
 Length 54 in. bill 5 3/4"
 Tail 8 3/4 in.
 Foot 12 1/2 in

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

UNISORT

Name of Bird	Year
<i>Olor buccinator</i>	1967

Locality #4 (1 mile west)
 of Mosquito Lake (KNMR)

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

Altitude..... *275'* Direction slope faces.....

Nest..... *1* 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 Island 8x20 ft.*

List abundant plants:

Sedge mat

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 air sand or rocks~~
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched *2*

No. of unhatched eggs..... *2 ?*

Cause of non-hatching of eggs..... *? Pr.*

would disturb easily.

No. of chicks that left nest..... *2*

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: **KENAI NATIONAL MOOSE RANGE, P.O. Box 500, Kenai, Alaska 99611**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
21	5	-	-	Yes	-
26	5	4	-	Yes	-
1	6	-	-	Yes	-
8	6	4	-	Yes	-
12	6	4	-	Yes	1400
16	6	4	-	Yes	-
20	6	-	-	Yes	-
22	6	-	-	No covered	-
30	6	-	2	No	-
6	7	-	2	No	-
18	7	-	-	No	-
20	7	-	2	No	-
23	7	-	2	No	-
22	8	-	2	-	-

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

2 Ad. 2 egg. moved to adjoining lake when observed June 30. Sound of aircraft, even distant, would cause incubating adult to move off nest.

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

UNISORT

Name of Bird Olor buccinator Year 1967

Locality # 3
of Nest Cow Lake (KNMR)

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

Altitude... 290' Direction slope faces.....

Nest..... 2 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 Island -

List abundant plants:

Small island 30 x 20 yds,
few live Picea mariana -
dead & down timber.

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 3

No. of unhatched eggs..... 1

Cause of non-hatching of eggs.. Incubation
curtailed.

No. of chicks that left nest..... 3

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: **KENAI NATIONAL MOOSE RANGE P.O. Box 500, Kenai, Alaska 99611**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
1	6	4	-	Yes	-
8	6	-	-	Yes	-
12	6	-	-	Yes	1400
15	6	-	-	Yes	-
20	6	-	-	Yes	-
22	6	-	-	No	-
27	6	-	-	Yes	-
30	6	1	3	No	-
6	7	1	3	No	1930
18	7	-	3	-	-
14	8	-	3	-	-
6	9	-	3	-	-
14	8	3 cygnet banded.			
♂	left leg # 569-00149				
♂	left leg # 569-00110				
♀	left leg # 569-00109				

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

*Other nests on Island:
Pr. common loon; 1 chick
pr. semi-palmated plover w/
2 chicks
pr. arctic terns w/ eggs
1 dead chick observed*

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

UNISORT
4 2 1 7 4 2 1
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

Name of Bird Olor buccinator Year 1967

Locality #2 of Nest Elephant Lake - (KNMR)

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

Altitude..... 222' Direction slope faces.....

Nest..... 1.5 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 Marshy Island.....

List abundant plants:

Island on lake - no trees,
Sedge mat

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 4

No. of unhatched eggs..... -0-

Cause of non-hatching of eggs..... —

No. of chicks that left nest..... 4

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

UNISORT
ALASKA NEST RECORD CARD
 University of Alaska, College, Alaska

Name and address of observer
KENAI NATIONAL MOOSE RANGE
PO Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
17	5	-	-	No	-
21	5	-	-	No	-
1	6	4	-	Yes	-
8	6	4	-	Yes	-
12	6	-	-	Yes	1345
16	6	-	-	Yes	-
20	6	-	-	No Covered	-
30	6	4	-	No	-
6	7	-	-	No	-
20	7	-	4	No	-
24	7	-	4	No	-
9	8	-	4	No	-
22	8	-	4	No	-
14	9	-	4	-	-

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 Olor buccinator Year 1967

Locality #1 of Nest Gas Well Lake (KNMR)

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

Altitude 200' Direction slope faces.....

Nest 3 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 Moist area, Picea mariana

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

On ground, in open on sand or rocks

On cliff or bank semi On floating mat

On building

FATE OF NEST

No. of eggs hatched 3

No. of unhatched eggs..... 2

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

.....

No. of chicks that left nest..... 3

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
 PENAL NATIONAL MOOSE RANGE
 P.O. Box 500, Kenai, Alaska 99611

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
1	6	5	-	Yes	-
8	6	-	-	No covered	-
11	6	5	-	Yes	1500
12	6	-	-	No covered	1345
13	6	-	-	No covered	-
15	6	-	-	Yes	-
16	6	-	-	No covered	-
20	6	-	-	Yes	-
22	6	-	-	Yes	-
23	6	-	-	Yes	-
30	6	-	-	Yes	-
6	7	-	3	-	-
18	7	-	3	-	-
23	7	-	3	-	-
15	8	-	2	-	-
14	9	-	2	-	-

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

♀ cygnet banded:
 left leg #569-00111
 R. leg - red band

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

UNISORT

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range

Latitude 60° 37' N Longitude 150° 52' W

Altitude 240 Direction slope faces 0

Nestft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest [x] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [x]

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 [x]
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

101 102 103 104 105 106 107 108 109 110

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **Hakala & Thayer**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
-----	-------	-------------	--------------	---------------------	------

7	6			<i>yes</i>	
24	7			<i>See below</i>	
28	9			<i>birds not located</i>	

BURROUGHS CORPORATION - TODD DIVISION -

REMARKS: e.g. Birds banded, pertinent weather information, etc.
7-24 Two adults on lake, nest appears abandoned

309 308 307 306 305 304 303 302 301

1 2 4 7 1 2 4 7 1

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8
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6
1
5
7
4
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2
1
1
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UNISORT

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range lake near Soldotna Creek

Latitude 60°36' N Longitude 151° W

Altitude 222 Direction slope faces 0

Nestft. 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 [x]

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 [x]

On building [] Nest on Island

FATE OF NEST

No. of eggs hatched At least 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 Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range W. Fork Moose River, lake

Latitude 60°38'30"N Longitude 150°42'W

Altitude 230 Direction slope faces E

Nest 2 ft. above ground or base of cliff water

TYPE OF VEGETATION IN AREA (check one or more)

Forest [X] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [X]

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

- No. of eggs hatched at least!
No. of unhatched eggs
Cause of non-hatching of eggs
No. of chicks that left nest 1
Cause of death of chicks not leaving nest

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range Lake near Gray Cliff

Latitude 60°49'N Longitude 150°52'W

Altitude 130' Direction slope faces N

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest [X] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [X]

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 [X]
On building []

FATE OF NEST See remarks other side

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 Trumpeter Swan Year 1963

Locality of Nest lake east of E. Fork of Moose River

Latitude 60° 34' N Longitude 150° 26' W

Altitude 350 Direction slope faces SE

Nestft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest [X] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [X]

Other small 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 [X]
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 4
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
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TIONS
CORPORATION - TODD DIVISION -

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **Hakala & Thayer**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
31	5	5			
7	6			yes	
28	6		4		
24	7		↓		
28	9	<i>no birds located</i>			

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 Trumpeter Swan Year 1963

Locality of Nest Moose River

Latitude 60° 37' 30" N Longitude 150° 30' 15" W

Altitude 200' Direction slope faces S

Nest 1 ft. above ground or base of cliff water

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra [] Rocky Tundra [] Field [] Marsh [X]

Other small tributary

List abundant plants: tall grass makes observation of cygnets difficult later in summer

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 [X]
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 2

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
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25 1
24 7
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21 1
20 7
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18 2
17 1
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15 4
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13 1
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9 1
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7 4
6 2
5 1
4 7
3 4
2 2
1 1

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ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and
Address
of observer

Hakala & Thayer

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
13	5			yes	
15	5			"	
17	5	4			
27	5			yes	
7	6			"	
24	7		2		
28	9	Adults only seen			

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

UNISORT

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range near Pollard's Lake

Latitude 60° 19' 30" N Longitude 151° 14' W

Altitude 120' Direction slope faces 0

Nestft. 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 [x]

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 [x]
On building []

FATE OF NEST

No. of eggs hatched 4

No. of unhatched eggs 0

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

.....

No. of chicks that left nest 4

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

.....

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UNISORT
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BIRD
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CARD
FOR OBSERVATIONS ON ONE NEST

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **Hakala & Thayer**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
31	5	4			
11	7		3		
24	7		4		
11	10		4		

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

309 308 307 306 305 304 303 302 301

1 2 4 2 1 7 4 2 1

UNISORT

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range lake near Point Possession

Latitude 61°1'45"N Longitude 150°22'W

Altitude 100' Direction slope faces 0

Nest 1 1/2 ft. above water ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest [] Tall brush (4-10') [x] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh []

Other

List abundant plants:

Nest on island.

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 [x] On floating mat []

On building []

FATE OF NEST

No. of eggs hatched At least 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

.....

Name of Bird Trumpeter Swan Year 1963

Locality Kenai Nat'l Moose Range of marsh on lake near Daniels Nest Lake

Latitude 60° 44' N Longitude 151° 8' W

Altitude 90' Direction slope faces South

Nestft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest [x] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [x]

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 [x]
On building []

FATE OF NEST

No. of eggs hatched At least 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

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110 109 108 107 106 105 104 103 102 101

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ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address
observer **Hakala & Thayer**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
16	5			Yes	
19	6			"	
27	6			no birds located	
24	7		3		
28	9		4		

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

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Name of Bird Trumpeter Swan | Year 1963

Locality Kenai Nat'l Moose Range
of near lake near Swanson R.
Nest

Latitude 60° 42' N Longitude 150° 41' W

Altitude 180 Direction slope faces O

Nestft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

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 [X]
On building []

FATE OF NEST

No. of eggs hatched At least 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.....

Name of Bird Trumpeter Swan Year 1963

Locality Kenai Nat'l Moose Range of tributary of Swanson River Nest

Latitude 60°44'30"N Longitude 150°38'W

Altitude 170 Direction slope faces W

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 [X]

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 [X]
On building []

FATE OF NEST

No. of eggs hatched ...at..least..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.....

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range marsh on Pincher Creek

Latitude 60° 54' N Longitude 150° 14' W

Altitude 90 Direction slope faces none

Nest ft. above ground or base of cliff

TYPE OF VEGETATION IN AREA (check one or more)

Forest [X] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [X]

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 [X]
On building []

FATE OF NEST

No. of eggs hatched .. At least 2

No. of unhatched eggs .. ?

Cause of non-hatching of eggs ..

.....

No. of chicks that left nest .. 2

Cause of death of chicks not leaving nest .. ?

.....

Name of Bird **Trumpeter Swan** Year **1963**

Locality of Nest **lake near Soldotna Creek**

Latitude **60° 33' 45" N** Longitude **150° 54' 35" W**

Altitude **220** Direction slope faces **SW**

Nestft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched**5**.....

No. of unhatched eggs.....

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

.....

No. of chicks that left nest.....**5**.....

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

.....

Name of Bird Trumpeter Swan Year 1963

Locality of Nest east end Bear Lake

Latitude 60°39'40"N Longitude 150°22'W

Altitude 300' Direction slope faces W

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest [X] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [X]

Other Near Inlet stream

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 [X]
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 4
Cause of death of chicks not leaving nest

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kerai Natl. Moose Range Lake near Miller Cr.

Latitude. 60° 58' N Longitude 150° 26' W

Altitude... 120... Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched at least 5 or 6

No. of unhatched eggs.....

Cause of non-hatching of eggs... 5.....

No. of chicks that left nest... 5 or 6.....

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

Name of Bird Trumpeter Swan Year 1963

Locality Kenai Nat'l Moose Range of Lake near Swanson River Nest

Latitude 60°46'N Longitude 150°45'W

Altitude 167 Direction slope faces

Nest ft. above ground or base of cliff

TYPE OF VEGETATION IN AREA (check one or more)

Forest [X] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [X]

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 [X]
On building []

FATE OF NEST

No. of eggs hatched ... At least 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

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

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

UNISORT ANT SYSTEMS CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **Hakala & Thayer**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
24	7		4		
10	9		2		
28	9		2		

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 Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range lake near #3 bay

Latitude 60°47'N Longitude 158°58'W

Altitude 80' Direction slope faces W

Nest ft. above ground or base of cliff

TYPE OF VEGETATION IN AREA (check one or more)

Forest [x] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [x]

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 [x]
On building []

FATE OF NEST

No. of eggs hatched at least 1
No. of unhatched eggs
Cause of non-hatching of eggs
No. of chicks that left nest 1
Cause of death of chicks not leaving nest

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 ANALYTICAL SERVICES CORPORATION - TODD DIVISION - L

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

Hakala & Shayer

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
9	6	$\frac{4}{5}$			
27	6	<i>only two adults</i>			
28	9		1		

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

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

Name of Bird	Trumpeter Swan	Year	1963
--------------------	----------------	------	------

Locality Kenai Nat; 1 Moose Range
of
Nest lake near Moose Point

Latitude. 60°55'N... Longitude.. 150°39'W.

Altitude.... 138.... Direction slope faces... W....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched at least 3

No. of unhatched eggs.....

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

No. of chicks that left nest..... 3

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 ANALYTICAL SERVICES CORPORATION - TODD DIVISION -

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **Hakala & Thayer**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
16	5			yes	
9	6			"	
25	6		3		
24	7		3		
28	9		2		

REMARKS: e.g. Birds banded, pertinent weather information, etc.
6-25 Family seen on lake 1 mile from nesting site

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

UNISORT

Name of Bird TRUMPETER SWAN | Year 1962

Locality of Nest KENAI NAT'L MOOSE RANGE

Latitude 61° Longitude 157°

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 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 5 or more

No. of unhatched eggs unknown

Cause of non-hatching of eggs _____

No. of chicks that left nest 5 or more

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**
COHOC. FOR J. HAKALA.

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
5	APR.	BIRDS ON NESTING LOCATION			
26	"	2			
2	MAY	5			
16	"	8			
?	JUNE		5*		

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

DATA FURNISHED BY
JOHN HAKALA - FWS,
KENAI.
5 CYGNETS ON
LAKE WITH PARENTS

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

UNISORT

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range lake near Pt. Possession

Latitude 60° 54' N Longitude 150° 22' W

Altitude 13' Direction slope faces

Nest 1 ft. above ground or base of cliff water

TYPE OF VEGETATION IN AREA (check one or more)

Forest [X] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh []

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched At least 3

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest 3

Cause of death of chicks not leaving nest

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Kenai Nat; 1 Moose Range near Kings Lake

Latitude 60° 49' N Longitude 150° 21' W

Altitude 210 Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched at least 5
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 Trumpeter Swan Year 1963

Locality Kenai Nat'l Moose Range of tributary of Swanson River Nest

Latitude 60° 42' N Longitude 150° 54' W

Altitude 147 Direction slope faces

Nest ft. above ground or base of cliff

TYPE OF VEGETATION IN AREA (check one or more)

Forest [X] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [] Field [] Marsh [X]

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 [X]
On building []

FATE OF NEST

No. of eggs hatched 2
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 Trumpeter Swan Year 1963

Locality of Nest Kenai Nat'l Moose Range lake near Swanson River

Latitude 60° 44' N Longitude 150° 59' W

Altitude 100' Direction slope faces

Nest 2 ft. above water ground or base of cliff

TYPE OF VEGETATION IN AREA (check one or more)

Forest [x] Tall brush (4-10') [] Shrub (1-4') []

Moist Tundra [] Rocky Tundra [x] Field [] Marsh []

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched at least 3

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest 2

Cause of death of chicks not leaving nest

Name of Bird Trumpeter Swan Year 1962

Locality of Nest Whiskey Lake

Latitude. 51' 45" Longitude. 150' 30"

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 Beaver pond.....

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 3.....

No. of unhatched eggs. ~~3~~ 1.....

Cause of non-hatching of eggs... ? - egg broken.....

No. of chicks that left nest... 3.....

Cause of death of chicks not leaving nest... ?.....
No. survival of young.....

KENAI NATIONAL MOOSE RANGE
P.O. BOX 500, KENAI, ALASKA

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **J. Hout**
U.S.F.W.S
Box 500 Kenai, Alaska

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
15 Aug		-	-	-	

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

Feathers from pintail observed in swan nest

UNISORT

Name of Bird Trumpeter Swan Year 1963

Locality of Nest Whiskey Lake

Latitude 150° 30' 40" Longitude 51° 45'

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other lake shore.....

List abundant plants: pond lilly

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 TRUMPETER SWAN | Year 1960

Locality of Nest 1 mi. N. KUSTATAN R. 6 mi. UPSTREAM

Latitude 60°52'N Longitude 151°58'

Altitude 0 Direction slope faces W

Nest 16" #. 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 SMALL 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

FATE OF NEST

No. of eggs hatched 1

No. of unhatched eggs 1

Cause of non-hatching of eggs _____

No. of chicks that left nest 1

Cause of death of chicks not leaving

Nest UNKNOWN

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

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

UNISORT
 ANALYSIS
 CARD
 STD. FORM
 NO. 12

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *N.T. Aaby USFWS*
Box 280 ANCHORAGE

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
1	6	4		♀	1100
4	6	4		♀	0940
1	6	-	-		1400
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.

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

UNISORT

Name of Bird TRUMPETER SWAN | Year 1960

Locality of Nest 2 mi. N. KUSTATAN R. 11 mi. UPSTREAM

Latitude 60° 59' Longitude 151° 56'

Altitude 75' Direction slope faces SW

Nest 14" #. 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 destroyed

Cause of non-hatching of eggs UNKNOWN

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

#2
ALASKA NEST RECORD CARD
UNIVERSITY OF ALASKA, COLLEGE, ALASKA

Name and address of observer *N.T. ARDY USFWS
Box 280 Anchorage*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
1	6	4		♀	11:50
14	6	—			1000

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

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

309 308 307 306 305 304 303 302 301

1 7 4 2 1 7 4 2 1

UNISORT

Name of Bird TRUMPETER SWAN | Year 1960

Locality of Nest 1 Mi. N. KUSTATAN R. 1.3 Mi. UPSTREAM

Latitude 61° 05' Longitude 151° 56'

Altitude 55' Direction slope faces S

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 _____

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 DESTROYED

Cause of non-hatching of eggs UNKNOWN

No. of chicks that left nest _____

Cause of death of chicks not leaving

Nest _____

Name of Bird Trumpeter Swan | Year 1960

Locality of Nest lake 3 mi. North of Yentna River, 15 mile above mouth of Skwentna R.

Latitude 62° 06' Longitude 151° 45'

Altitude 200' Direction slope faces _____

Nest 2 1/2 ft. above water 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 _____

5

Name of Bird	Trumpeter Swan	Year	1964
--------------	----------------	------	------

Locality of Nest Beaver pond

Latitude 60°46' N Longitude 152°29' W

Altitude 450 Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST not known

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.....

.....

4

Name of Bird	Trumpeter swan	Year	1964
--------------	----------------	------	------

Locality of Nest Beaver pond

Latitude 60° 50' N Longitude 152

Altitude 400 Direction slope faces

Nestft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST NOT KNOWN

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.....

.....

4

Name of Bird Trumpeter swan	Year 1964
-----------------------------------	--------------

Locality of Nest
Muskeg shoreline

Latitude 60°48'N Longitude 150°56'W

Altitude 90 FT Direction slope faces.....

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs none

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

No. of chicks that left nest 5

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

3

Name of Bird Trumpeter swan	Year 1964
--------------------------------	--------------

Locality of Nest
small island

Latitude 60°47'N Longitude 151°3'W

Altitude 90 FT Direction slope faces N. or S.

Nest 30x4 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched at least 4

No. of unhatched eggs

Cause of non-hatching of eggs

.....

No. of chicks that left nest at least 4

Cause of death of chicks not leaving nest

.....

Name Trumpeter
of Swan
Bird

Year
1964

Locality
of
Nest

Latitude 60°53'N Longitude 150°41'W

Altitude 100 Direction slope faces N.W.

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched AT LEAST 3

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest AT LEAST 3

Cause of death of chicks not leaving nest

Name of Bird	Trumpeter Swan	Year	1964
--------------	----------------	------	------

Locality of Nest

Latitude $60^{\circ}55'N$ Longitude $150^{\circ}38'W$

Altitude 130 FT. Direction slope faces S.W.

Nest 1 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched AT least 3

No. of unhatched eggs ?

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

No. of chicks that left nest AT least 3

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

Name of Bird Trumpeter swan	Year 1964
--------------------------------	--------------

Locality of Nest open muskeg

Latitude 60°54'n Longitude 151°42'w

Altitude 50 Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest AT LEAST 3

Cause of death of chicks not leaving nest

9

Name of Bird Trumpeter swan	Year 1964
--------------------------------	--------------

Locality of Nest
open muskeg

Latitude 60° 55' N Longitude 151° 58' W

Altitude 90 Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest A.T. least 3

Cause of death of chicks not leaving nest

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: STAFF: Kenai National Moose Range BX 500 Kenai

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
1	7	?		X	
21	9		3		

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

UNISORT ANALYSIS CARD

BURROUGHS CORPORATION - TODD DIVISION - L

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 2 4 7 1 2 4 7 1 2 4 7

27 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 7 4 2 1

Name of Bird Trumpeter swan	Year 1964
-----------------------------------	--------------

Locality of Nest
open muskeg

Latitude 60°55'N Longitude 151°57'W

Altitude 90 Direction slope faces

Nest ft. above ground or base of cliff

TYPE OF VEGETATION IN AREA (check one or more)

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

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched
 No. of unhatched eggs
 Cause of non-hatching of eggs
 No. of chicks that left nest *A.T. least one*
 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 ANIMALS CARD

8

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer Staff: Kenai Natl. Moose Range BX 500 Kenai

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
22	6	?		X	
21	9		1		

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 Trumpeter Swan Year 1964

Locality of Nest Martin River Flats

Latitude. 60° 23' N Longitude. 144° 43' W

Altitude. 56' ± 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:

Buck bean

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 or abandoned

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

UNISORT ANALYTICAL SYSTEMS CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

P. Shepherd

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
29 19	6	3			
8 7	7	0			

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

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

201 1
202 2
203 4
204 7
205 1
206 2
207 4
208 7
209 1
210 2
211 4
212 7
213 1
214 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 4

Name of Bird Trumpeter Swan Year 1964

Locality of Nest Copper River Delta

Latitude 60° 20' N Longitude 145° 50' W

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

List abundant plants:

Horse tail

POSITION OF NEST in emergents

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 Abandoned or 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 *Trumpeter Swan*

Year *1964*

Locality of Nest *Copper River Delta*

Latitude *60° 23' N* Longitude *145° 50' W*

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

List abundant plants:

~~meadow~~ *Buck bean mat*

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 *Abandoned or 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.....

.....

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

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

UNISORT ANIMALS CARD

ALASKA NEST RECORD CARD
University of Alaska, College, Alaska

Name and address of observer *P. Shepherd*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
19	6	4			
28	7	0			

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 *Trumpeter Swan* | Year *1964*

Locality of Nest *Coppen River Delta*

Latitude *60° 20' N* Longitude *145° 8' W*

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

List abundant plants:

Horse tail Sedge

POSITION OF NEST *in emergents*

- 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 ~~.....~~ *Abandoned or 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.....

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

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and
address
of observer

P. Shephard

UNISORT AND LIVES CARD

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest?	Sex?	Time
19	6	4				
14	7	0				

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

Name of Bird *Trumpeter Swan*

Year *1964*

Locality of Nest *Copper River Delta*

Latitude *60° 25' N* Longitude *145° 6' W*

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

List abundant plants:

Horse tail Sedge

POSITION OF NEST *- in emergents*

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 *4*.....

No. of unhatched eggs *1*.....

Cause of non-hatching of eggs *unknown*.....

No. of chicks that left nest *4*.....

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 *P. Shepherd*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
19	6	5		✓ ♀	
20	7		4		

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

1 1
 2 2
 3 4
 4 7
 5 1
 6 2
 7 4
 8 7
 9 1
 10 2
 11 4
 12 7
 13 1
 14 2
 15 4
 16 7
 17 1
 18 2
 19 4
 20 7
 21 1
 22 2
 23 4
 24 7
 25 1
 26 2
 27 4
 28 7
 29 1
 30 2
 31 4

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

UNISORT ANALYTICAL SYSTEMS CARD
 BURROUGHS CORPORATION - TODD DIVISION - 1

UNISORT

Name of Bird Trumpeter Swan Year 1964

Locality of Nest Copper River Delta

Latitude 60° 25' N Longitude 145° 6' W

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

List abundant plants:

Horse tail Alder

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 0 abandoned

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

UNISORT ANALYTICAL SERVICES CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *P. Shepherd*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>19</i>	<i>6</i>	<i>3</i>			
<i>18</i>	<i>7</i>	<i>2</i>			

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

UNISORT

Name of Bird Trumpeter Swan Year 1964

Locality of Nest Copper River Delta

Latitude 60° 22' N Longitude 145° 4' W

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

List abundant plants:

Horse tail
Sedge

POSITION OF NEST - in emergents

- 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 abandoned or 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.....

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

4
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 AND LINES CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

P. Shepherd

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
19	6	4			
20	7	0			
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					
12					

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

201
202
203
204
205
206
207
208
209
210
212
212
212
412
512
612
712
812
912
022
122
222
322
422
522
622
722
822

809 308 307 306 305 304 303 302 301
1 7 4 2 1 7 4 2 1

UNISORT

Name of Bird Trumpeter Swan Year 1964

Locality of Nest Martin River flats

Latitude 60° 20' N Longitude 144° 45' W

Altitude 30' ± 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:

Buck bean
Sedge
Horse tail

POSITION OF NEST in emergents

- 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 abandoned or 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 *Trumpeter Swan*

Year *1964*

Locality of Nest *Copper River Delta*

Latitude *60° 20' N* Longitude *145° 5'*

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

List abundant plants:

Horse tail

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 *4*.....

No. of unhatched eggs *1*.....

Cause of non-hatching of eggs *unknown*.....

No. of chicks that left nest *4*.....

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

Name of Bird Trumpeter Swan Year

Locality of Nest Eyak Lake

Latitude 60° 40' Longitude 145° 40'

Altitude 30' + Direction slope faces

Nestft. 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:

Buck Bean
Horse tail
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..... 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

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

UNISORT AND LIVES CARD

ALASKA NEST RECORD CARD
University of Alaska, College, Alaska

Name and address of observer *P. Shepherd*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>19</i>	<i>6</i>		<i>6</i>		
<i>25</i>	<i>7</i>		<i>6</i>		

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

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

UNISORT

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

Name of Bird **TRUMPETER SWAN** Year **1964**

Locality of Nest **KASILOF**

Latitude **60** Longitude **152**

Altitude **100** 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 **L.H.G.**

List abundant plants:

**feeds
grasses.**

POSITION OF NEST

**NEST BUILT
up about 3'**

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 **5**

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

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ALASKA NEST RECORD CARD
 University of Alaska, College, Alaska

Name and address of observer: MARY A. SMITH
+ LOIS CALVIN
COHOE, ALASKA

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
13	JUNE	5		F.	
27	"	5		F.	
27	JULY	5			

BURROUGHS CORPORATION - TODD DIVISION - L

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

5 cygnets SURVIVED + left lake on or about Oct 10th

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

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Name of Bird TRUMPETER SWAN Year 1964

Locality of Nest Copper River Delta

Latitude 60° 20' N Longitude 145° 6' W

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

List abundant plants:

horse tail
Sedge

POSITION OF NEST - in emergents

- 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 abandoned or 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.....

.....

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 ANALYTICALS CARD

ALASKA NEST RECORD CARD
 University of Alaska, College, Alaska

Name and address of observer
P. Shepherd

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
19	6	4			
28	7	0			
Y 12					
BURROUGHS CORPORATION					
TODD DIVISION - L					

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

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

UNISORT

7

Name of Bird Trumpeter Swan

Year 1964

Locality of Nest OPEN MUSKEG

Latitude 60°55'N Longitude 151°50'W

Altitude 90 Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST NOT KNOWN

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

UNISORT ADVANCE CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: *Staff: Kenai National Moose Range, Bx 500 Kenai*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
1	7	3		X	
2	9	two adults near the nest.			
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.

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

UNISORT

6

Name of Bird Trumpeter swan	Year 1964
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Locality of Nest shore of lake open muskey

Latitude 60 52' N Longitude 152° W

Altitude 90' Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest A.T. 1005 T. 3

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 *Staffs Kenai*
observer *Wational moose range. BX 500 Kenai*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
22	6	?		X	
21	9		3		

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

UNISORT ANTLERS CARD 6

201 1
202 2
203 4
204 7
205 1
206 2
207 7
208 4
209 1
210 2
211 4
212 7
213 1
214 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 4
228 7
229 1
230 2
231 4
232 7
233 1
234 2
235 4
236 7
237 1
238 2
239 4
240 7
241 1
242 2
243 4
244 7
245 1
246 2
247 4
248 7
249 1
250 2
251 4
252 7
253 1
254 2
255 4
256 7
257 1
258 2
259 4
260 7
261 1
262 2
263 4
264 7
265 1
266 2
267 4
268 7
269 1
270 2
271 4
272 7
273 1
274 2
275 4
276 7
277 1
278 2
279 4
280 7
281 1
282 2
283 4
284 7
285 1
286 2
287 4
288 7
289 1
290 2
291 4
292 7
293 1
294 2
295 4
296 7
297 1
298 2
299 4
300 7
301 1
302 2
303 4
304 7
305 1
306 2
307 4
308 7
309 1
310 2
311 4
312 7
313 1
314 2
315 4
316 7
317 1
318 2
319 4
320 7
321 1
322 2
323 4
324 7
325 1
326 2
327 4
328 7
329 1
330 2
331 4
332 7
333 1
334 2
335 4
336 7
337 1
338 2
339 4
340 7
341 1
342 2
343 4
344 7
345 1
346 2
347 4
348 7
349 1
350 2
351 4
352 7
353 1
354 2
355 4
356 7
357 1
358 2
359 4
360 7
361 1
362 2
363 4
364 7
365 1
366 2
367 4
368 7
369 1
370 2
371 4
372 7
373 1
374 2
375 4
376 7
377 1
378 2
379 4
380 7
381 1
382 2
383 4
384 7
385 1
386 2
387 4
388 7
389 1
390 2
391 4
392 7
393 1
394 2
395 4
396 7
397 1
398 2
399 4
400 7

UNISORT

Name of Bird <i>Trumpeter Swan</i>	Year <i>1964</i>
---------------------------------------	---------------------

Locality of Nest
Beaver pond

Latitude *60°36'N* Longitude *152°20'W*

Altitude *400* Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST *NOT KNOWN*

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

Name of Bird Trumpeter swan	Year 1964
--------------------------------	--------------

Locality of Nest neat stream
open muskey

Latitude 60°44' N Longitude 152°15' W

Altitude 200 Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

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

.....

No. of chicks that left nest At least two

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

.....

Name of Bird Trumpeter Swan Year 1964

Locality of Nest Minto Flats (Toluana River)

Latitude 65° 0' N Longitude 150° 30' W

Altitude 430' 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:

Sedge

POSITION OF NEST

In tree, brush or shrub - in emergents

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.....

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 ANAT. RECS. FORM Y 12

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

P. Shepherd

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
11	6	4			

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
 7 211
 7 212
 1 213
 2 214
 7 215
 7 216
 1 217
 2 218
 7 219
 7 220
 1 221
 2 222
 7 223
 7 224
 1 225
 2 226
 7 227

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

UNISORT

Name of Bird *Trumpeter Swan* Year *1964*

Locality of Nest *Minto Flats (Tolvana River)*

Latitude *65° 0' N* Longitude *150° 30' W*

Altitude *430'* 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:

Sedge

POSITION OF NEST

In tree, brush or shrub *in emergents*

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 *Trumpeter Swan* Year *1964*

Locality of Nest *Minto Flats (Toluana River)*

Latitude *65° 0' N* Longitude *150° 30' W*

Altitude *430'* 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:

*Sedge - Grass -
Horse tail*

POSITION OF NEST - *in emergents*

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 *nest nearly flooded when found*

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 *Trumpeter Swan* Year *1964*

Locality of Nest *Minto Flats (Tolvana River)*

Latitude *65° 0' N* Longitude *150° 30' W*

Altitude *430'* Direction slope faces

Nestft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Sedge willow

POSITION OF NEST - *in emergent vegetation*

- 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 *Trumpeter Swan* Year *1964*

Locality of Nest *Minto Flats (Near Dunbar)*

Latitude *64° 45' N* Longitude *149° 0' W*

Altitude *430'* 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:

Cat Tail

POSITION OF NEST *on cattail mat*

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 .. ~~.....~~ *unknowns*.....

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 Trumpeter Swan Year 1964

Locality of Nest Copper River Delta

Latitude 60° 20' N Longitude 145° 15' W

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

List abundant plants:

Horse tail Sedge

POSITION OF NEST

In tree, brush or shrub *Emergent veg.*

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..... 2

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

.....

No. of chicks that left nest..... 2

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

.....

Name of Bird Trumpeter Swan Year 1964

Locality of Nest Copper River Delta

Latitude 60° 21' N Longitude 145° 8' W

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

List abundant plants:

Horse tail

POSITION OF NEST - in emergents

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... unknown

possibly desertion

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

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

.....

15

Name of Bird Trumpeter swan	Year 1964
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Locality of Nest
marshy shoreline-lake

Latitude 60°43'N Longitude 150°41'W

Altitude 208 Direction slope faces.....

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 14 0 14 @

No. of unhatched eggs.....

Cause of non-hatching of eggs. IV. P. S. T.

... Destroyed

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

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

.....

14

Name of Bird Trumpeter swan	Year 1964
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Locality of Nest
marshy shoreline-lake

Latitude 60°44' N. Longitude 150°34' W

Altitude 203 Direction slope faces.....

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched P

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.....

12

Name of Bird	Trumpeter Swan	Year	1964
--------------	----------------	------	------

Locality of Nest marsh on lake shore

Latitude 60°31'N Longitude 151°1'W

Altitude 140 Direction slope faces.....

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

- No. of eggs hatched .. 5 or 6
- No. of unhatched eggs.....
- Cause of non-hatching of eggs.....
-
- No. of chicks that left nest. 5 or 6
- Cause of death of chicks not leaving nest.....
-

//

Name of Bird Trumpeter Swan	Year 1964
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Locality of Nest Small Island in lake

Latitude 60° 34' N Longitude 150° 53' W

Altitude 256 Direction slope faces.....

Nest 4 ft. above ^{water} ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched A.T. least 4

No. of unhatched eggs.....

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

No. of chicks that left nest A.T. least 4

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

Name <i>Trumpeter</i> of <i>Swan</i> Bird	Year <i>1964</i>
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Locality
of *shoreline of lake*
Nest

Latitude *60°34' N* Longitude *150°25' W*

Altitude *350* Direction slope faces

Nestft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *at least 2*

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest *at least 2*

Cause of death of chicks not leaving nest

19

Name of Bird Trumpeter swan	Year 1964
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Locality of Nest
marshy stream

Latitude 60°37'N Longitude 150°32'W

Altitude 200 Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs.....

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

No. of chicks that left nest..... 5

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

Name of Bird <i>Trumpeter swan</i>	Year <i>1964</i>
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Locality of Nest *shoreline of lake*

Latitude *60°31'N* Longitude *150°44'W*

Altitude *173* Direction slope faces.....

Nest *2* ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *A.T. least 3*

No. of unhatched eggs.....

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

No. of chicks that left nest *A.T. least 3*

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

Name of Bird	Trumpeter Swan	Year	1964
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Locality of Nest: marshy edge of island in lake

Latitude: 60°38'n... Longitude: 150°42'w

Altitude: 173... Direction slope faces:

Nest: 2...ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched A.T. least 3.....

No. of unhatched eggs.....

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

No. of chicks that left nest, A.T. least 3.....

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

Name of Bird <i>Trumpeter Swan</i>	Year <i>1964</i>
---------------------------------------	---------------------

Locality of Nest *shore of marshy stream*

Latitude *60°45'N* Longitude *150°40'W*

Altitude *170* Direction slope faces.....

Nest *2* ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *?*

No. of unhatched eggs.....

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

.....

No. of chicks that left nest..... *?*

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

.....

16

Name of Bird Trumpeter swan	Year 1964
--------------------------------	--------------

Locality of Nest marshy stream

Latitude 60°41'N Longitude 150°24'W

Altitude 215 Direction slope faces.....

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched at least 3

No. of unhatched eggs.....

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

No. of chicks that left nest at least 3

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

Name of Bird	Trumpeter Swan	Year	1964
--------------	----------------	------	------

Locality of Nest: marshy shoreline of lake

Latitude 60°19'N. Longitude 151°14'W

Altitude 90. Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs.....

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

No. of chicks that left nest..... 5

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

Name of Bird Trumpeter swan	Year 1964
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Locality of Nest
marshy island
in lake

Latitude 60°48'N Longitude 150°21'W

Altitude 210 Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched AT least 4

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest AT least 4

Cause of death of chicks not leaving nest

Name of Bird Trumpeter swan	Year 1964
--------------------------------	--------------

Locality of Nest marshy lake shore

Latitude 60°44'N Longitude 150°8'W

Altitude 90 Direction slope faces.....

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched at least 3

No. of unhatched eggs.....

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

No. of chicks that left nest at least 3

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

24

Name of Bird Trumpeter swan	Year 1964
--------------------------------	--------------

Locality of Nest
Swampy lakeshore

Latitude 60° 25' N Longitude 150° 31' W

Altitude 280 Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched AT LEAST 2

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest AT LEAST 2

Cause of death of chicks not leaving nest

Name of Bird TRUMPETER swan	Year 1964
-----------------------------------	--------------

Locality of Nest marshy shore of lake

Latitude 60° 19' N Longitude 150° 1' W

Altitude 150 Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched at least 1 or 2

No. of unhatched eggs.....

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

No. of chicks that left nest at least 1 or 2

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

Name of Bird Trumpeter Swan Year 1964

Locality of Nest near pond open muskeg

Latitude 60°44' N Longitude 152°10' W

Altitude 200 Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

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

.....

No. of chicks that left nest at least one

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

.....

Name of Bird <i>Trumpeter Swan</i>	Year <i>1964</i>
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Locality of Nest *marshy shoreline*

Latitude *60°35'N* Longitude *150°55'W*

Altitude *247* Direction slope faces.....

Nest *2* ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *at least 3*

No. of unhatched eggs.....

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

No. of chicks that left nest *at least 3*

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

Name of Bird Trumpeter Swan	Year 1964
--------------------------------	--------------

Locality of Nest
Marsh Island

Latitude 60°36' N Longitude 151° W

Altitude 222 Direction slope faces

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched A.T. least 3

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest A.T. least 3

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 STAFF
 address KENAI NATL. MOOSE RANGE
 of observer BX 500 KENAI

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
10	6	NOT COUNT		X	
18	6	4		X	
20	7		3		
18	6		3		

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 TRUMPETER SWAN	Year 1964
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Locality of Nest
marsh at outlet of lake.

Latitude 60°42'N Longitude 150°52'W

Altitude 148' Direction slope faces

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs 0

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

No. of chicks that left nest 5

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

7

Name of Bird Trumpeter swan	Year 1964
-----------------------------------	--------------

Locality of Nest on small island

Latitude 60°43'N Longitude 150°58'W

Altitude 100 Direction slope faces.....

Nest 4 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched at least 3

No. of unhatched eggs.....

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

No. of chicks that left nest at least 3

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

5

Name of Bird <i>Trumpeter swan</i>	Year <i>1964</i>
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Locality of Nest *shoreline*

Latitude *60°41'N* Longitude *151°13'W*

Altitude *100* Direction slope faces

Nest *2* ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *AT LEAST 2*

No. of unhatched eggs

Cause of non-hatching of eggs

No. of chicks that left nest *AT LEAST 2*

Cause of death of chicks not leaving nest

6

Name of Bird	swan (sp?)	Year	1964
--------------	------------	------	------

Locality of Nest large marsh near slough

Latitude 60°16'N. Longitude 150°28'W

Altitude 600 FT. Direction slope faces NW

Nest 2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched ... 2 or more

No. of unhatched eggs.....

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

.....

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

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

.....

