

Name of Bird Spence Grouse Year 1967

Locality of Nest Stirling

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

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:

Picea glauca
Betula pennsylvanica
calamagrostis

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 0.....

No. of unhatched eggs 8.....

Cause of non-hatching of eggs Hum
abandoned.....

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

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

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 *Larry Ellison Fish + Game*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>25</i>	<i>May</i>	<i>8</i>	<i>-</i>	<i>♀</i>	<i>1 pm</i>
<i>29</i>	<i>May</i>	<i>Abandoned</i>			

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

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

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

Name of Bird

spruce Grouse

Year

1967

Locality of Nest

Sterling

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

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:

Picea mariana
Mtn cranberry
Moss

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 8

No. of unhatched eggs..... 0

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

No. of chicks that left nest..... 8

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

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

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

UNISORT ANALYSIS CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Larry Ellison Fish & Game*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
15	May	7	-	♀	9am
15	June	8	-	♀	12am
18	June?	-	-	♀	12am
19	June	Hatched			3pm

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

*Banded
Juvenile*

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

UNISORT

Name of Bird spruce grouse Year 1967

Locality of Nest sterling

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

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:

picea glauca
Betula nana
Spisaea
calamagrostis

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 9

No. of unhatched eggs..... 0

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

No. of chicks that left nest..... 9

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

Larry Ellison
Fish & Game

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
23	May	9	-	♀	10:20 am
5	June	-	-	-	-

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

Banded Adult

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

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227
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 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
UNISORT
309 308 307 306 305 304 303 302 301
1 2 4 7 2 4 7 2 1

Name of Bird Spurrow Grouse Year 1987

Locality of Nest Stirling

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

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:

Picea glauca
Betula kenaiensis
Calamagrostis
Rosa
Mtn, cranberry

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 1

No. of unhatched eggs..... 3

Cause of non-hatching of eggs..... 3-no embryo dev.

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: *Larry Ellison Fish & Game*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
20	May	5	—	♀	9am
21	May	6	—	♀	12am
22	May	6	—	♀	5pm
<p>↓ Hum abandoned nest</p>					
<p>Renested →</p>					
4	June	4	—	♀	10am
15	June	6	—	ND	9am
29	June	3	—	—	3pm
<p>↓ No embryos development 1 hatched shell</p>					

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

Banded Juvenile

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

UNISORT

Name of Bird Spruce Grouse Year 1967

Locality of Nest Starling, Ak

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

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:

Picea glauca
Betula kenaiensis
Mtn cranberry
Moss

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched8.....

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

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

No. of chicks that left nest.....8.....

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

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 *Larry Ellison
Fish + Game*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>19</i>	<i>May</i>	<i>5</i>	<i>-</i>	<i>♀</i>	<i>3pm</i>
<i>22</i>	<i>May</i>	<i>6</i>	<i>-</i>	<i>No</i>	<i>9:30am</i>
<i>15</i>	<i>June</i>	<i>8</i>	<i>-</i>	<i>♀</i>	<i>10:00am</i>
<i>16</i>	<i>"</i>	<i>8</i>	<i>-</i>	<i>♀</i>	<i>4:30pm</i>
<i>17</i>	<i>"</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>11am</i>

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

*Banded
Adult*

UNISORT ANALYSIS CARD
BIRRODHS CORPORATION - TODD DIVISION - 1

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 Spruce Grouse Year 1967

Locality of Nest sterling, Ak

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

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:

Picea glauca
Betula kenaiensis
Mtn. Cranberry
Moss

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 8.....

No. of unhatched eggs.....

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

No. of chicks that left nest..... 8

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

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

UNISORT ANIS
YKS CARD
FOR OBSERVATIONS ON ONE NEST

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: Larry Ellison

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
31	May	8	-	♀	9am
17	June	8	-	♀	9am
18	June	Hatched			

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

Banded Juvenile

UNISORT ANIS
YKS CARD
FOR OBSERVATIONS ON ONE NEST

BURROUGHS CORPORATION - TODD DIVISION - L

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

309 308 307 306 305 304 303 302 301

1 7 4 2 1 7 4 2 1

Grouse

Name of Bird Spruce Hen Year 1966

Locality of Nest 8 miles N Sterling Alaska

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

Altitude 200' Direction slope faces level

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:

- Picea glauca*
- Calamagrostis*
- Vaccinium vitis-idaea*
- Betula Kenaiensis*

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 8

No. of unhatched eggs..... 0

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

No. of chicks that left nest..... 8

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

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

UNISORT ANALYSIS CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Larry Ellison ADFG*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
27	May	7	X	No	6pm
28	"	7	X	No	12am
29	"	?	X	Yes	7pm
31	"	?	X	Yes	11am
1	June	?	X	Yes	6pm
20	"	?	X	Yes	4pm
21	"	-	8	No	4pm

*Incubation began
May 29 or 30*

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

*Hen instrumented
with radio on
May 13*

UNISORT

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

1 201
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 4 207
 7 208
 1 209
 2 210
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 7 212
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 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

Name of Bird Spruce Hen Year 1966

Locality of Nest 8 mi N Sterling, Alaska

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

Altitude 200 Direction slope faces level

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:

Picea glauca
Picea mariana

Vaccinium uliginosum
Vaccinium vitis-idaea

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 None

No. of unhatched eggs.....

Cause of non-hatching of eggs Nest destroyed by a mammal

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

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

.....

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer Larry Ellison
ADFG

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
22	May	5	X	yes	11am
23	"	?	X	yes	11am
23	June	0	0	No	1pm

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

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

Name of Bird Spruce Hen Year 1966

Locality of Nest 8 mi N Sterling Alaska

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

Altitude..... Direction slope faces. level

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:

Picea glauca
Betula kenaiensis
Calamagrostis
Lycopodium annotinum
Vaccinium vitis-idaea

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..... 4

Cause of non-hatching of eggs..... In Fertile
No embryo development

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

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

.....

in 3 of 4 examined

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 *Larry Ellison*
ADFG

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
23	May	8	X	♀ on	9am
24	"	?	X	♀ on	9am
28	"	?	X	♀ on	10am
7	June	?	X	♀ on	?
11	"	?	X	♀ on	10am
16	"	4		hatched	9am
			♀ 60 yds		
			<i>of</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

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

UNISORT

Name of Bird Spruce Hen Year 1966

Locality of Nest 8 mi N Sterling Alaska

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

Altitude 200'..... Direction slope faces E.....

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:

Picea glauca
Alnus
Calamagrostis
Oplopanax

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 7

No. of unhatched eggs..... 1

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

No embryo development

No. of chicks that left nest..... 7

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

.....

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

UNISORT ALASKA NEST RECORD CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Larry Ellison ADFG*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
10	May	2	x	No	3pm
14	"	4	x	No	5pm
16	"	5	x	No	8am
18	"	6	x	No	3pm
21	"	7	x	No	11am
23	"	8	x	No	8am
24	"	?	x	♀ on	8am
24	"	?	x	♀ on	1pm
26	"	?	x	♀ on	4pm
7	June	8	x	♀ on	8am
16	"	?	x	♀ on	9am
16	"			eggs hatching	1pm

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 Spruce Hen Year 1966

Locality of Nest 8 mi. N of Sterling, Alaska

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

Altitude 200' Direction slope faces level

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:

Picea mariana
Vaccinium vitis-idaea
Vaccinium uliginosum

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 8

No. of unhatched eggs.... 0

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

.....

No. of chicks that left nest.... 8

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

.....

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

UNISORT ANALYSIS CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Larry Ellison ADFG Robert LeResche*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
16	May	?	X	Yes	8am
18	"	4	X	No	4pm
20	"	5	X	No	12am
21	"	6	X	No	12am
23	"	7	X	No	12am
24	"	8	X	No	4pm
25	"	8	X	No	11am
26	"	1st day of incubat.			1pm
27	June	—————		Yes	10am
28	"	—————		Yes	10am
29	"	hatched			7am

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

Instrumented with radio on May 9

309 308 307 306 305 304 303 302 301

UNISORT

Name of Bird *Spurwidge* Year *1966*

Locality of Nest *8 mi. N Sterling, Alaska*

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

Altitude. *200*..... Direction slope faces. *Level*

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:

Picea glauca
Alnus
Calamagrostis
Cornus canadensis
Betula kenaiensis

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *8*

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

Cause of non-hatching of eggs... *Egg pipped*

.....
No. of chicks that left nest..... *8*

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Larry Ellison*
ADFG Terold Dappa

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
1	June	9	X	yes	2pm
7	"	9	X	yes	3pm
16	"	?	X	yes	10am
17	"	1	hatched		10am

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

Banded
Aluminum # 695

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 *Spruce grouse* Year *65*

Locality of Nest *10 miles N of Sterling, Alaska*

Latitude *61°* Longitude *151°*

Altitude *300 FT* Direction slope faces *FLAT*

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

*white spruce
Kana; birch
grass*

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *8*

No. of unhatched eggs *1*

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

No. of chicks that left nest *8*

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

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
201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Laurena Ellison*
Dept. Fish & Game

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>6</i>	<i>June</i>	<i>?</i>	<i>-</i>	<i>♀</i>	<i>3pm</i>
<i>10</i>	<i>June</i>	<i>9</i>	<i>-</i>	<i>♀</i>	<i>2pm</i>
<i>12</i>	<i>June</i>	<i>9</i>	<i>-</i>	<i>♀</i>	<i>6pm</i>
<i>15</i>	<i>June</i>	<i>- 8 of 9 eggs had hatched</i>			<i>5pm</i>

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

UNISORT

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

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4
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2
1
1

Name of Bird SPRUCE GROUSE Year 65

Locality of Nest 10 miles N of STANLING, ALASKA

Latitude... 61° Longitude... 151°

Altitude... 300 FT Direction slope faces... S

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:

white spruce
Kenai birch
grass
blueberry
bunchberry
Labrador Tea

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched... 7?

No. of unhatched eggs... None?

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

No. of chicks that left nest... 7?

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

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

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Lawrence Ellison Dept. Fish & Game*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>15</i>	<i>June</i>	<i>7</i>			

REMARKS: e.g. Birds banded, pertinent weather information, etc.
Young brood found near nest a few days earlier apparently 7 eggs were in the nest, and all hatched.

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

UNISORT ALASKA NEST RECORD CARD BUREAUX CORPORATION - TODD DIVISION - L

UNISORT

Name of Bird *Spruce grouse* Year *1964*

Locality of Nest *Alotknagik*

Latitude *59°* Longitude *158°30'*

Altitude *200 ft* Direction slope faces *X*

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

white spruce
paper birch
V. vitis-idea
Spiraea

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *9*

No. of unhatched eggs *0*

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

No. of chicks that left nest *7*

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 NATALYS S CARD BROODS CORPORATION - TODD DIVISION - L

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer Laurence Ellison
ADFG FBKS

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
18	June	9	-	♀	am 8:45
19	"	9	-	♀	am 12:00
22	"	9	-	♀	am 8:00
25	"	9	-	♀	am 10:40
28	"	9	-	No	am 12:00
1	July	9	-	♀	pm 5:00
5	"	-	-	-	am 8:30

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

♀ and brood 30 yds
From nest 8:30 am
July 5.

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

UNISORT

Name of Bird *Spruce grouse* Year *1964*

Locality of Nest *Aleknagik*

Latitude... *59°* Longitude... *158°30'*

Altitude... *200 FT* Direction slope faces... *X*

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

white spruce
paper birch
V. vitis-idea
Empetrum nigra
Spiraea

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *0*

No. of unhatched eggs..... *9*

Cause of non-hatching of eggs... *♀ killed*

.....

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

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

.....

Name of Bird *Spruce grouse* Year *1964*

Locality of Nest *Aleknagik*

Latitude *59°* Longitude *158°30'*

Altitude *200 ft* Direction slope faces *X*

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

white spruce
paper birch
Betula nana
Vaccinium uliginosum
V. vitis-idea
Empetrum nigrum

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 *X*

No. of chicks that left nest *5*

Cause of death of chicks not leaving nest *X*

Name of Bird *spruce grouse* Year *1964*

Locality of Nest *Alcknaqik*

Latitude... *59°* Longitude... *158°30'*

Altitude... *200 FT* Direction slope faces... *X*

Nest... *D*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:

paper birch
white spruce
Betula glandulosa
Vaccinium ovalifolium
Empetrum nigrum

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *7*

No. of unhatched eggs *1*

Cause of non-hatching of eggs... *Egg pipped,*
chick did not get out

No. of chicks that left nest... *7*

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

.....
one egg unaccounted for

Name of Bird *spruce grouse* Year *1964*

Locality of Nest *Aleknagik*

Latitude... *59°* Longitude... *158° 30'*

Altitude... *200 ft.* Direction slope faces... *0*

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:
white spruce
paper birch
Empetrum nigrum
Vaccinium uliginosum
V. vitis-idea

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..... *3*

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

No. of chicks that left nest. *5*

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

Name *Spruce Grouse* Year
of Bird *400 298* *1959*

Locality *Fairbanks, Alaska*
of Nest

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

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other*birch-aspen*.....

List abundant plants:

birch
aspen

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub *birch*

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 Spruce Grouse Year 1967

Locality of Nest Sterling

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

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:

Picea mariana
Mtn. cranberry
Moss

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 0.....

No. of unhatched eggs 9.....

Cause of non-hatching of eggs Here
abandoned.....

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 SERVICES CARD

ALASKA NEST RECORD CARD
 University of Alaska, College, Alaska

Name and address of observer: *Greg Olson
 Fish + Game*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>23</i>	<i>May</i>	<i>8</i>	<i>-</i>	<i>♀</i>	<i>12:30 PM</i>
<i>24</i>	<i>"</i>	<i>9</i>	<i>-</i>	<i>off</i>	<i>4:30 PM</i>
<i>5</i>	<i>June</i>	<i>9</i>	<i>-</i>	<i>off</i>	<i>-</i>
<i>Abandoned</i>					

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

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UNISORT
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 15 4
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 13 1
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 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 Spruce Grouse Year 1967

Locality of Nest sterling

Latitude..... Longitude.....
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:

Picea glauca
Betula kenaiensis
Fern
Calamagrostis

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 0
No. of unhatched eggs 6
Cause of non-hatching of eggs Hen
abandoned
No. of chicks that left nest 0
Cause of death of chicks not leaving nest X

Name of Bird *spruce Grouse* Year *1967*

Locality of Nest *Sterling, Ak.*

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

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:

Picea glauca
Betula kenaiensis
Calamagrostis
Menziesia

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..... *X*

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

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

Name of Bird *Spruce* *Man* Year *1966*

Locality of Nest *8 mi N Sterling, Alaska*

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

Altitude..... Direction slope faces *SW*

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:

Picea glauca
Betula kenaiensis
Calamagrostis
Comandra

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched *9*

No. of unhatched eggs..... *0*

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

.....

No. of chicks that left nest..... *9*

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

.....

Name of Bird Spruce hen Year 1966

Locality of Nest 8 mi N Sterling, Alaska

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

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

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:

Alnus
calamagrostis

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 9

No. of unhatched eggs..... 0

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

.....

No. of chicks that left nest..... 9

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

.....

43

Name of Bird SPRUCE GROUSE Year 1965

Locality of Nest COHOE

Latitude... 60 Longitude... 152

Altitude... 80 Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

WHITE SPRUCE
POPULAR

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 9

No. of unhatched eggs.....

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

.....

No. of chicks that left nest..... 9

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

.....

2

Name of Bird SPRUCE GROUSE	Year 1965
----------------------------------	--------------

Locality of Nest
COHOG

Latitude... 60 Longitude... 152

Altitude... 80 Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

White spruce

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 9

No. of unhatched eggs.....

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

.....

No. of chicks that left nest..... 9

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

.....

1

Name of Bird SPRUCE GROUSE Year 1965

Locality of Nest COHOE,

Latitude 60 Longitude 157

Altitude 75 Direction slope faces

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

LABRADOR TEA.
MOSSBERRY
DWARF LARCH
SPRUCE (SP)

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched NONE

No. of unhatched eggs 1

Cause of non-hatching of eggs FEMALE

ABANDONED... NEST

No. of chicks that left nest

Cause of death of chicks not leaving nest

Name of Bird spruce grouse | Year 1962
Canachites canadensis

Locality of Nest Rainbow Creek Valley
Chugach Mountain Range

Latitude 61°01' N Longitude 149°38' W

Altitude 700 Direction slope faces SW

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other _____

List abundant plants: paper birch, willow,
Pyrola asarifolia, Calamagrostis,
fireweed, moss, green alder

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched ?

No. of unhatched eggs ?

Cause of non-hatching of eggs ---

No. of chicks that left nest ?

Cause of death of chicks not leaving nest ---

Name of Bird SPRUCE GROUSE Year 1962

Locality of Nest MC NEIL CANTON HONOR, ALASKA

Latitude _____ Longitude _____

Altitude 670 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 Meadow and farm

List abundant plants: road within 10 feet
Spruce

Elderberry
Epilobium
birch - alder

POSITION OF NEST

In tree, brush or shrub
On ground, under tree, brush or shrub
On ground, not under tree, brush or shrub UNDER 406
On ground, in open on sand or rocks
On cliff or bank On floating mat
On building

FATE OF NEST

No. of eggs hatched 7

No. of unhatched eggs 1

Cause of non-hatching of eggs chick unable to break shell

No. of chicks that left nest 7

Cause of death of chicks not leaving nest unknown

Name of Bird SPRUCE GROUSE Year 1963

Locality of Nest COHOE

Latitude... 60° Longitude... 151°

Altitude... 80 Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

CROWBERRY -
LINGENBERRY.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 6

No. of unhatched eggs.....

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

.....

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

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

.....

Name of Bird SPRUCE GROUSE | Year 1960

Locality of Nest Cohoe

Latitude 60°20' Longitude 151°20'

Altitude 80 Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

ABANDONED NEST

No. of chicks that left nest _____
Cause of death of chicks not leaving _____
Nest _____

Name of Bird SPRUCE GROUSE Year 1961

Locality of Nest COHOE

Latitude 60° Longitude 151°

Altitude 65' Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

native grasses
DWARFED WILLOW

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 6 on 7

No. of unhatched eggs 1

Cause of non-hatching of eggs infertile

No. of chicks that left nest 6 on 7.

Cause of death of chicks not leaving

Nest _____

Name of Bird SPRUCE GROUSE Year 1964

Locality of Nest COHDE

Latitude 100 Longitude 152

Altitude 80 Direction slope faces.....

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub DEAD SPRUCE

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 8

No. of unhatched eggs.....

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

.....

No. of chicks that left nest..... 8

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

.....

