

Name of Bird Horned Grebe | Year 1962

Locality of Nest Horseshoe Lake - Hq. Laboratory Rd.

Latitude 60°36' Longitude 150°57'

Altitude 300' Direction slope faces —

Nest — ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other _____

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

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

UNIVERSITY OF ALASKA ANALYSIS CARD (STD. FORM Y 12)

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **Steven R. Smith**
BSFLW
Konas, Alaska

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
29	May	6/3	-	NO	3:00pm
					not revisited
					Two nest on same small lake w/ in 100 yrd of each other!
					attn!
					attn!
					attn!
					attn!

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer:

Donald E. McKnight
Zool. Dept. W.S.U.
Pullman, Wash.

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit:

15 June 1960

Locality:

Tree lake, near Tetlin
Alaska

Description of habitat:

Sedge clumps in about 1 foot of water 30-40 yds. in lake. Lake shallow + surrounded by spruce forest.

Description of nests and nest sites:

Nests composed of mounds of more or less floating sedge and other decaying vegetation

FILL IN NUMBER OF NESTS CONTAINING:

Empty	1 Young	2 Young	3 Young	4 Young	5 Young
1 Egg 1	1E - 1Y	1E - 2Y	1E - 3Y	1E - 4Y	
2 Eggs	2E - 1Y	2E - 2Y	2E - 3Y	Horned Grebe	
3 Eggs	3E - 1Y	3E - 2Y			
4 Eggs 4	4E - 1Y				
5 Eggs					

NO. IN COLONY

Occupied nests 5

Pairs of birds 6

Use back for remarks

UNISORT

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

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

UNISORT ANALYSIS CARD STD. FORM Y 12

As I watched
these birds
several short-
billed gulls were
flying about.
When one grebe
left its nest as I
approached one of
the gulls quickly
stole an egg from
the bird's nest.

1 2 3 4 5 6 7 8 9 01 11 21 31 41 51 61 71 81 91 02 12 22 32 42 52 62 72 82 92
4 7 2 1 1 2 4 7 1 2 4 7 1 2 4 7 1 2 4 7 1 2 4 7

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer:

Jim King
1412 Airport Way
Fairbanks, Alaska

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit: 6-21-61

Locality: Canvasback Lake near Ft. Yukon
Lat 66°30' Long 146°30'

Description of habitat:

Reeds in 3 ft of water in large clumps with channels between
1 nest per clump

SPECIES: Horned Grebe

Description of nests and nest sites:

Nests floating made of dead reeds.
Nest 30 to 40 feet apart at least
All nest within 300 ft radius,

FILL IN NUMBER OF NESTS CONTAINING:

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

NO. IN COLONY

Occupied nests 8

Pairs of birds _____

Use back for remarks

Contrary to Gabrielson & Lincoln there seem to be great quantities of Grebe nests on this lake. The 300 ft radius area contained 40 clumps of scirpus reeds and 8 nests were found. There could be several more nest in the area searched. There are several hundred such clumps of habitat or possibly there are 100 or more Grebe nests on this one shallow lake that is approximately 2 miles long. There are similar lakes in the Tetlin area, so this is probably a typical Horned Grebe nesting situation. A territory of several hundred square feet is indicated, (June 25 saw 1 young grebe this area)

21 Y MROF .DLS DRVC SISYLVANA LRORSINR

UNISORT

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

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

110 109 108 107 106 105 104 103 102 101

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 Horned Grebe | Year 1977

Locality of Nest 2 mile Northway Road

Latitude _____ Longitude _____

Altitude 1700 Direction slope faces flat

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Emergent Equisetum fluviatile
and Carex

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

emergent

FATE OF NEST

No. of eggs hatched 3

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest 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

HORNED GREBE

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: Michael A. Spindler, Univ of AK Museum, Fairbanks, AK

FOR OBSERVATIONS ON ONE NEST

Table with columns: Day, Month, No. of Eggs, No. of Young, Adult on Nest? Sex?, Time. Contains two entries: 27 JUN 3, Yes ♂; 6 JUL 3.

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

at pond shore in Equisetum fluviatile patch

NORTHWAY

309 308 307 306 305 304 303 302 301

2 1 7 4 2 1 7 4 2 1

Name of Bird Horned Grebe Year 1982

Locality of Nest Smith Lk. U of A

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 3

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Horned Grebe | Year 1975

Locality of Nest 15 Farmers Loop Rd Fairbanks

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 Pond in shrubby area

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird Horned Grebe | Year 1952

Locality of Nest College, Alaska
Caribou lake

Latitude Longitude

Altitude Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other Muskeg 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

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 Horned Grebe | Year 1952

Locality of Nest College, Alaska
Rat lake

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other Muskeg 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

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 Horned Grebe | Year 1960

Locality of Nest Pond at Mouth of Beaver Creek
Vic Beaver Alaska

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 Marsh

Other _____

List abundant plants:

Equisetum
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

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 Horned Grebe Year 1959?

Locality of Nest Tree Lake 10 mi SE Tetlin Alaska

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

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

· POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

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

.....

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

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

.....

Name of Bird Horned Grebe | Year 1960

Locality of Nest Bear Creek - Totlin

Latitude 63° 3 Longitude 143° 43

Altitude 1700 Direction slope faces _____
on surface of water

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 s^surrounded by water
25' from shore. water 2-4' deep

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 beaver cache 25' from shore

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	Horned Grebe	Year	1959
Locality of Nest	Tree Lake 10 mi. SE Tetlin, Alaska		

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

Altitude. 1600!..... Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Carex

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

water 30" deep

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 Horned Grebe Year 1959

Locality of Nest Tree Lake 10 mi. SE Tetlin, Alaska

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

Altitude 1600'..... Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:
Carex at edge of lake

POSITION OF NEST

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

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 Horned Grebe Year 1959

Locality of Nest Tree Lake 10mi. SE Tetlin, Alaska

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

Altitude. 1600'... 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:

Carex at edge of lake

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat in

On building

Carex patch
30" water

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 Horned Grebe Year 1959

Locality of Nest Tree Lake 10mi SE Tetlin, Alaska

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

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Carex

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

water 30" deep

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 *Horned Grebe* Year *1959*
of
Bird

Locality *Island Lake*
of
Nest *10 ~~mi.~~ mi. SE Tetlin, Alaska*

Latitude..... Longitude.....
Altitude *1600'*..... 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 *water 2' deep*

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 Horned Grebe

Year 1963

Locality of Nest 3 mile north of Wiseman
Wiseman 67° 25'

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

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other "Floating" small lake.....

List abundant plants: Water plants,
grasses, pyrola

lichens, mosses

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 HORNED GREBE | Year 1961

Locality of Nest REFLECTION POND NEAR WONDER LAKE, MCK. PARK

Latitude 63° 28' Longitude 150° 50'

Altitude 2300' Direction slope faces SOUTH WEST

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other TUSsock IN LAKE

List abundant plants:

SEDGES
BETULA GLANDULOSA
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 TUSsock

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 —

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address NANCY J. LANGE
 observer Box 768 COLLEGE

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
5	6	4	0	YES	5PM
13	6	4?	0	YES	7AM
14	6	4?	0	No	8AM
15	6	5	0	YES	10AM
22	6	5	0	YES	8:30 AM
24	6	5	0	YES	6AM
26	6	5	0	YES	6AM
27	6	5 PIPPED	0	YES	7AM
28	6	2	3	YES	5AM
30	6	0	5	No	5PM

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

NEST NEAR ROAD -
 FLUSHED AT FIRST WHEN
 CAR APPEARED, LATER
 REMAINED WHEN OBSERVERS
 12 FT. AWAY.

UNISORT 309 308 307 306 305 304 303 302 301

UNISORT

Name of Bird

Horned Grebe

Year

1961

Locality of Nest

Pond near Tetlin Lake, Alaska

Latitude

Longitude

Altitude

1650

Direction slope faces

—

Nest

0

ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest



Tall brush (4-10')



Shrub (1-4')



Moist tundra



Rocky Tundra



Field



Marsh



Other

List abundant plants:

Spruce - grass

Mertensia

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

formed on floating fallen tree

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

Horned Grebe

Year

1961

Locality of Nest

Island on Island Lake
Alaska near Tetlin

Latitude

Longitude

Altitude

1630

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:

Willow, Spruce

Lupinus

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 Horned Grebe | Year 1961

Locality of Nest Butterfly Lake near Tetlin, Alaska

Latitude _____ Longitude _____

Altitude 1630 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:

Epilobium
Rosa Aspen

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

Horned
Grebe

Year

1961

Locality
of
Nest

Island on Island Lake
Tetlin, Alaska

Latitude

Longitude

Altitude

1650

Direction slope faces

Nest

0

ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest

Tall brush (4-10')

Shrub (1-4')

Moist tundra

Rocky Tundra

Field

Marsh

Other

List abundant plants:

Spruce - willow

Lupinus

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 Horned Grebe Year 1961

Locality of Nest Island on Island Lake, Tetlin, Alaska

Latitude _____ Longitude _____

Altitude 1630 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:

Willow, Spruce
Lupinus

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 Horned Grebe Year 1961

Locality of Nest Pond near Gasoline Lake, Tetlin, Alaska

Latitude _____ Longitude _____

Altitude 1650 Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other _____

List abundant plants: Aspen, Labrador Tea
Lupine Rosa 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 _____

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 Horned Grebe | Year 1961

Locality of Nest Merganser Lake
Tetlin, Alaska

Latitude _____ Longitude _____

Altitude 1650 Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants: Scirpus Willow
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 _____

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 Horned Grebe | Year 1961

Locality of Nest Merganser Lake Alaska

Latitude _____ Longitude _____

Altitude 1650 Direction slope faces —

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other _____

List abundant plants:

Spruce - Aspen
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 _____

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: *Donald E. McKnight
Pullman, Wash.*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
1	June	5		Yes 2 1	1330
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.

UNISORT ANALYSIS CARD STD: FORM Y 12

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
3 203
4 204
5 205
6 206
7 207
8 208
9 209
10 210
11 211
12 212
13 213
14 214
15 215
16 216
17 217
18 218
19 219
20 220
21 221
22 222
23 222
24 222
25 222
26 222
27 222

1 201
2 202
3 203
4 204
5 205
6 206
7 207
8 208
9 209
10 210
11 211
12 212
13 213
14 214
15 215
16 216
17 217
18 218
19 219
20 220
21 221
22 222
23 222
24 222
25 222
26 222
27 222

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

Name of Bird Horned Grebe | Year 1961

Locality of Nest Pond near Gasoline Lake, Tetlin, Alaska

Latitude _____ Longitude _____

Altitude 1650 Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other _____

List abundant plants:
Aspen,
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 _____

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 Horned Grebe | Year 1961

Locality of Nest Pond near baseline Lake Tetlin, Alaska

Latitude _____ Longitude _____

Altitude 1650 Direction slope faces ✓

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other _____

List abundant plants:

Aspen, Spruce
Lupinus 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
- 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 Horned Grebe Year 1961

Locality of Nest Small pond near Tetlin Lake Alaska

Latitude _____ Longitude _____

Altitude 1650 Direction slope faces ✓

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants: Spruce Aspen

G r a s s e
G r a s s e
G r a s s e
G r a s s e
G r a s s e

W l l o w
W l l o w
W l l o w
W l l o w
W l l o w

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 Horned Grebe | Year 1960

Locality of Nest Pond 1 mi. So. Tetlin River, Alaska

Latitude _____ Longitude _____

Altitude 1700 Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

Willow
Aspen
Rosa sp.
3 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

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 Horned Grebe | Year 1960

Locality of Nest Inland of Point Dall

Latitude 61° 25' N Longitude 166° 10' W

Altitude 5' Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving

Nest _____

Name of Bird *Horned Grebe* Year *1964*

Locality of Nest *Tetlin Lake*

Latitude... *63° 2'* ... Longitude... *142° 43'* ...

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Carex

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 Horned Grebe Year 1964

Locality of Nest Tatlin Lake

Latitude 68° 7' Longitude 142° 40'

Altitude 1650 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

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 *Horned Grebe* Year *1964*

Locality of Nest *Gasoline L. Tetlin*

Latitude... *63° 6'* Longitude... *142° 33'*

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Scirpus

Carex

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 *Horned Grebe* Year *1964*

Locality of Nest *Gasoline Lake Tetlin*

Latitude *63° 6'* Longitude *142° 33'*

Altitude *1650* Direction slope faces

Nest ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Scirpus

Carex

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 Horned Grebe Year 1964

Locality of Nest Tetlin Lake

Latitude 63° 7' Longitude 142° 40'

Altitude 1660 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:

Scirpus
Carex

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 Horned Grebe Year 1964

Locality of Nest Tetlin, Alaska
Tree Lake

Latitude... 63° 06' ... Longitude... 142° 38' ...

Altitude... 1653 ... 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 In mat of green algae ...

List abundant plants: at edge of lake.

Nest made largely of algae
pulled up on a few 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

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 Horned Grebe Year 1964

Locality of Nest Tetlin

Latitude 63° 7' Longitude 142° 40'

Altitude 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:

Carex

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 Horned Grebe Year 1964

Locality of Nest Tetlin In water

Latitude 63° 7' Longitude 142° 35'

Altitude 1650 Direction slope faces -

Nest - ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

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

.....

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

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

.....

Name of Bird Horned Grebe Year 1959

Locality of Nest Tree Lake 10 mi SE Tetlin

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

Altitude... 1600' ... Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Carex

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building on 30" water

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.....

