

Name ~~Z. Spizella~~ **Z. Spizella**
of **arborea** Year **1971**
Bird **to arborea**

Locality of Nest **College**

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 _____

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: **J. W. Willetts**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
27	MY	5	-	♀	2145
30	MY	5	-	♀	-
1	JN	5	-	PR	2100
2	JN	5	-	-	2230
4	JN	4	1	♀	0130
6	JN	-	4	-	-
8	JN	.	4	♀	1615
11	JN	-	0	0	-

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

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

Name of Bird American Tree Sparrow | Year 1979

Locality of Nest 2.5 mile S. Peger Road Fairbanks, AK

Latitude 67°48'N Longitude 147°47'W

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 _____

List abundant plants:

Salix laxensis

Betula glandulosa

Calamagrostis

Myrica gale

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 unknown

Cause of death of chicks not leaving nest —

Name of Bird Tree Sparrow | Year 1977

Locality of Nest Willow plot, 3.5 mi 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:

Salix norae anglicae

Salix richardsonii (1 gnata)

Betula nana

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 ?

addled ?

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

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

UNISORT
ALASKA'S
BIRDS
CARD

~~TREE~~ SPARROW

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

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

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
2	JUN	5		Yes ♀	
12	JUN		4		
19	JUN				
Fledged <u>19 JUN</u> young					

REMARKS: e.g. Birds banded, pertinent weather information, etc.
ground, in base of
Salix inornata anglica bush.
Low-medium tall willow
NORTHWAY

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

Name of Bird American Tree Sparrow | Year 1980

Locality of Nest 2.5 mile S. Pagar Road Fairbanks, AK

Latitude 64° 48' N Longitude 147° 47' W

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 _____

List abundant plants:

Salix slaxensis

Alnus

Populus balsamifera

Myrica gale

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 Tree Sparrow | Year 1965

Locality of Nest Umiat, 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 Tail brush (4-10') Shrub (1-4')

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants: Grasses, Salix spp.

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs 0

Cause of non-hatching of eggs —

No. of chicks that left nest probably 4

Cause of death of chicks not leaving

Nest 1 removed by uln predator

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umiat, 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 Field Marsh

Other _____

List abundant plants: Alnus crispa

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 ?

No. of chicks that left nest probably 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: DR GEO. C. WEST
LAB. ZOOLOGY
U. ALASKA, COLLEGE

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
20	June	6	0	♀	-
22	June	5	1	-	1100
25	June	1	5	-	2200
28	June	1	5	♀?	
30	June	1	0	-	2300

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

5 young banded 68-71558-62

UNISORT ANALYSIS CARD STANDARD FORM 12
1 201
2 202
4 203
7 204
1 205
2 206
4 207
7 208
1 209
2 210
4 211
7 212
1 213
2 214
4 215
7 216
1 217
2 218
4 219
7 220
1 221
2 222
4 223
7 224
1 225
2 226
4 227

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

UNISORT

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umiat, 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 Field Marsh

Other _____

List abundant plants: Carex, 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 4

No. of unhatched eggs ?

Cause of non-hatching of eggs —

No. of chicks that left nest probably 4

Cause of death of chicks not leaving nest _____

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umait, 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 Field Marsh

Other _____

List abundant plants: Alnus crispa

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 egg removed by unknown "predator".

No. of chicks that left nest probably 4

Cause of death of chicks not leaving nest -

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umia, 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 Field Marsh

Other _____

List abundant plants: Salix glauca, Carex, Alnus crispa.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub under S. glauca

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 probably

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: DR GEO. C WEST
 LAB OF ZOOLOGY
 U. OF ALASKA, COLLEGE

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
18	June	5	0	♀	AM
19	June	5	0	?	2330
20	June	5	0	?	1630
22	June	1	4	?	1130
25	June	0	5	?	1100
		prim. + sec. 1/8" gull, no setules visible.			
28	June	0	5	?	1700
		prim + sec 1" tail 3/16" ad 5 yg sanded.			
30	June	0	2	?	1200
		feathered - body of all out and sheaths same 3/16" front tip			
8	July	0	0	-	-

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

5 young banded 68-71558-62

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 Tree Sparrow | Year 1965

Locality of Nest Umiaq, 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 Field Marsh

Other _____

List abundant plants: alnus crispa

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 probably 5

Cause of death of chicks not leaving nest -

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umiat, 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 Field Marsh

Other _____

List abundant plants: Eriophorum, 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 5

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest probably 5

Cause of death of chicks not leaving nest _____

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umiat, 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 Field Marsh

Other _____

List abundant plants: Eriophorum

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 until obs. stopped

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 Tree Sparrow | Year 1965

Locality of Nest Umiat, 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 Field Marsh

Other _____

List abundant plants: Eriophorum, 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

No. of unhatched eggs 2

Cause of non-hatching of eggs 1 egg removed,
1 egg not completed development

No. of chicks that left nest ?

Cause of death of chicks not leaving nest _____

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umiaq, 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 Field Marsh

Other _____

List abundant plants: Eriophorum, 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 5

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest probably 5

Cause of death of chicks not leaving nest _____

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umiat, 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 Field Marsh

Other _____

List abundant plants: Eriophorum, 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 5

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest probably 5

Cause of death of chicks not leaving nest _____

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umiat, 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 Field Marsh

Other _____

List abundant plants: willow, alder, 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 5

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest 0

Cause of death of chicks not leaving nest probably predation

Name of Bird Tree Sparrow | Year 1965

Locality of Nest Umait, 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 Field Marsh

Other _____

List abundant plants: Eriophorum, 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 5

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest probably 5

Cause of death of chicks not leaving nest _____

Name of Bird *Spizella arborea* | Year 1964

Locality of Nest *Umiat, Alaska*

Latitude *69° 23'* Longitude *152° 08'*

Altitude *352* 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 Tree Sparrow | Year 1962

Locality of Nest Utukuk Riv.
Driftwood Air Strip

Latitude _____ Longitude 161° 10'

Altitude 6850' 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:

Bank of scraggy 2.5-1' Salix;
Moss, Eriophorum

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 tree sparrow Year 1967

Locality of Nest n/Moody

Latitude 63°48'N Longitude 148°56'W

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

List abundant plants:

alder & 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.....0.....
- Cause of death of chicks not leaving nest.....
-

Name of Bird tree sparrow Year 1967

Locality of Nest n/Moody

Latitude 63° 48' N Longitude 148° 56' W

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

List abundant plants:

mostly dwarf bird.

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 Tree Sparrow Year 1962

Locality of Nest Dry Creek Alaska Range

Latitude Longitude

Altitude 3700 Direction slope faces S

didn't see nest
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:

Salix
Betula nana
Dryas

POSITION OF NEST didn't see 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 *tree sparrow* Year *1969*

Locality of Nest *1 mile S of Garner (ARR)*

Latitude *63 49* Longitude *148 58*

Altitude *1800* Direction slope faces *NE*

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:

*willow, dwarf birch
sedge, tussock
rather open*

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 tree sparrow | Year 1971

Locality of Nest Hurricane Gulch

Latitude 62°58'N Longitude 149°37'W

Altitude 1800 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:

clearing w/grass in
alder-willow thicket
near upper limit of spruce;
scattered 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 5

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest 0

Cause of death of chicks not leaving nest ? cold weather?

Name of Bird Spizella arborea (Tree Sparrow) Year 1963

Locality of Nest At 1/2 mi. S.W.L. (Wonder Lake) Ranger Sta. 10' off road.

Latitude ~43° 28' Longitude ~150° 53'

Altitude 2125' Direction slope faces level

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:

Willows on tundra (lowland) vegetation.
Dwarf birch.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs... 0

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

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

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

Probably 4-5 day rain-snow storm.

Name of Bird Tree Sparrow Year 1968

Locality of Nest Mt. McKinley Park

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.....

.....

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
 S.D.P. FORM Y 12
 BURROUGHS CORPORATION
 TODD DIV. - L

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer Lang C. Holcomb
Creston & Vin-
Oman, Nebr.

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
24	6		4		

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 TREE SPARROW | Year 1961

Locality of Nest CAMP DENALI IN THE KANTISHNA

Latitude 63° 31' Longitude 150° 54'

Altitude 2100' 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 Field Marsh

Other _____

List abundant plants:

ALDER
BETULA GLANDULOSA
VACCINIUM

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer NAULY J. LANGE
Box 768 College

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
1	6	0	0	NO	9:30AM
2	6	0	0	NO	7PM
5	6	2	0	NO	8AM
6	6	3	0	NO	7AM
7	6	4	0	NO	8AM
8	6	5	0	F	Noon
11	6	5	0	F	9AM
[REDACTED]					
14	6	5	0	F	Noon
15	6	5	0	F	Noon
18	6	5	0	F	9AM
20	6	5	0	NO	10AM

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

EAST OF NUGGET POND

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

UNISORT

Nest in shrub instead of cup on ground

Name of Bird TREE SPARROW Year 1962

Locality of Nest COHOE - near COHOE BEACH

Latitude 61° Longitude 157°

Altitude 70 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 NONE.

No. of unhatched eggs _____

Cause of non-hatching of eggs EGGS EATEN

by predator

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

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

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

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

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
18	JUNE	3			2:55 p.m.
20	"	2			9:30 A.M.
22	"	1			2:15 p.m.
29	"	<hr/>			

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 Tree Sparrow Year 1960

Locality of Nest Askinuk Mountains

Latitude 61°49'N Longitude 166°00'W

Altitude 50' Direction slope faces N

Nest 9 inches ^x ft. above ground or 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 Tree Sparrow Year 1966
|
of
Bird Spizella arborea

Locality Snake River bridge
of
Nest Nome, Alaska

Latitude 64° 34' Longitude 165° 30'

Altitude 10' 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:

Willow
Carex sp

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- 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 Tree Sparrow Year 1966
Spizella arborea

Locality of Nest Snake River bridge
Nome, ALASKA

Latitude 64°34' Longitude 165°30'

Altitude 10' Direction slope faces level

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:

Willows

Carex sp.

POSITION OF NEST

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

Name of Bird Tree Sparrow Year 1966
Spizella Arborea

Locality of Nest On slope west of bridge Snake River
Name, ALASKA

Latitude 64°34' Longitude 165°33'

Altitude 25 Direction slope faces S.E.

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:

Blueberry
dwarf birch

Willow
lichens
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 TREE SPARROW Year 1968

Locality of Nest 14 mi. GLACIER RD.
SEWARD AEN.

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

Altitude..... 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 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	Year
Tree Sparrow	1967

Locality west of Big Creek, southeast
of edge of Kigluak mts, Seward
Nest Peninsula, Alaska

Latitude... 64° 05' N. Longitude... 164° 50' W

Altitude... 500' Direction slope faces... S...

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 Mixed Tall brush-shrub hillside

List abundant plants:

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub at base of 18" Salix
- 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 Tree Sparrow Year 1967

Locality of Nest Salmon Lake
Seward Peninsula, Alaska

Latitude 64° 54' Longitude 165° 04'

Altitude 500' Direction slope faces S

Nest 3.0-1/2 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 Mixed Tall-Short brush

List abundant plants:

POSITION OF NEST

- In tree, brush or shrub in base of dwarf
- On ground, under tree, brush or shrub butch in
- On ground, not under tree, brush or shrub Salix thicket
- 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 TREE SPARROW Year 1968

Locality of Nest 18. mi. Kougnok Rd.
None

Latitude 64°44' Longitude 165°17'

Altitude 150 Direction slope faces SE

Nest 6 inches above ground or 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 TREE SPARROW Year 1970

Locality of Nest mi. 14 CLACIER Rd. SEWARD PENINSULA, ALASKA

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

Altitude... 150' ... Direction slope faces... W....

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

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 Tree Sparrow Year 1964

Locality of Nest 1 1/2 mile north of Wiseman village.

Latitude 67° (near) Longitude 150° (near)

Altitude Direction slope faces flat

Nest 1/2 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: grasses, spruce trees, dwarf birch.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 4

No. of unhatched eggs 0

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

.....

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

Cause of death of chicks not leaving nest..... normal rain raised water level of marsh; wetting young.

#13

Name of Bird	Year
Tree Sparrow	1968

Locality BROOKS RANGE, Folly Lake,
of Head of Unakserak River
Nest

Latitude. 67°52'N Longitude. 154°W.....

Altitude. 3300' Direction slope faces. SW.....

Nest..... onft. ~~above~~ ground or 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:

willows about 18" tall

POSITION OF NEST grass cup under

In tree, brush or shrub 18" willow

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 unknown.....

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

#612

Name of Bird	Tree Sparrow	Year	1968
-----------------	--------------	------	------

Locality of Nest BROOKS RANGE, Folly Lake,
Head of Unakserak River

Latitude. 67° 52' N Longitude. 154° W

Altitude. 3300' Direction slope faces. east

Nest. on ft. ~~above~~ ground or 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. steep hillside near
waterfall

List abundant plants:

POSITION OF NEST grass cup

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 four

No. of unhatched eggs.

Cause of non-hatching of eggs.

No. of chicks that left nest. unknown

Cause of death of chicks not leaving nest.

#47

Name of Bird	Year
Tree Sparrow	1968

Locality of Nest BROOKS RANGE,
Head of Kutuk River

Latitude... 67°52'N Longitude... 154°W

Altitude... 3400' Direction slope faces narrow valley floor

Nest... onft. above ground or 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 dry...tundra.....

List abundant plants:

dryas, very short Betula nana, Snow willow

on dry knoll

POSITION OF NEST under 8" Betula nana

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... unknown.....

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

.....

#12

Name of Bird Tree Sparrow Year 1968

Locality BROOKS RANGE, Folly Lake,
of Head of Unakserak River
Nest

Latitude 67° 52' N Longitude 154° W

Altitude 3400' Direction slope faces SW

Nest on ~~ft.~~ above ground or 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 gully

List abundant plants:

short willows, cottongrass

POSITION OF NEST grass cup at base
of 18" willow

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 predated

No. of chicks that left nest none

Cause of death of chicks not leaving nest

9

Name of Bird Tree Sparrow Year 1965

Locality of Nest Lonely Lake Brooks Range

Latitude 67° 57' N Longitude 153° 10' W

Altitude 2700' Direction slope faces E

Nest no ft. above ground or 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 dry tundra

List abundant plants:

cotton grass
shrubby 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 in grass tussock

FATE OF NEST

No. of eggs hatched none

No. of unhatched eggs.....

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

predator

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

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

.....

#5

Name of Bird Tree Sparrow Year 1965

Locality of Nest Lonely Lake Brooks Range

Latitude 67°57'N Longitude 153°10'W

Altitude 2700' Direction slope faces flat

Nest no ft. above ground or 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:

shrubby willow
cotton grass

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building in grass tussock

FATE OF NEST

No. of eggs hatched none

No. of unhatched eggs.....

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

predator

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

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

#17

Name of Bird	Tree Sparrow	Year	1965
--------------	--------------	------	------

Locality of Nest Lonely Lake Brooks Range

Latitude 67°57'N Longitude 95°10'W

Altitude 2600' Direction slope faces flat

Nest no ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other

List abundant plants:

dwarf willow
cotton grass

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 1

No. of unhatched eggs 4

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

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

ALASKA NEST RECORD CARD
 University of Alaska, College, Alaska

Name and address of observer **GILBERT F. STAENDER**
13900 S. W. Sundealeat Dr.
Oswego, Oregon

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
17	6	5		♀	
19	6	4	1	♀	
14	7	4	one fledged		

REMARKS: e.g. Birds banded, pertinent weather information, etc.
collected 4 unhatched eggs which were sterile

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

UNISORT

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

#35

Name of Bird Tree Sparrow Year 1965

Locality of Nest Lonely Lake Brooks Range

Latitude 67°57'N Longitude 153°10'W

Altitude 5700' Direction slope faces flat

Nest no ft. above ground or 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:

Low willow shrubs
cotton grass

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building in grass clump

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.....

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and **GILBERT F. STAENDER**

address **13900 S. W. Sundeleaf Dr.**

of observer

~~Oregon~~ **Oregon**

FOR OBSERVATIONS ON ONE NEST

UNISORT ANALYSIS CARD STD. FORM Y 12 BURROUGHS CORPORATION - TODD DIVISION - L

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
54	6		5	♀	
1	7		<i>Adged</i>		

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

#21

Name of Bird Tree Sparrow Year 1965

Locality of Nest Lonely Lake Brooks Range

Latitude 67°57'N Longitude 153°10'W

Altitude 5700' Direction slope faces flat

Nest no ft. above ground or 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 dry tundra

List abundant plants:

willow shrub
cotton grass

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building in clump of grass

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 unknown

Cause of death of chicks not leaving nest probably successful

#46

Name of Bird Tree Sparrow Year 1965

Locality of Nest Lonely Lake Brooks Range

Latitude 67°57'N Longitude 153°10'W

Altitude 2700' Direction slope faces flat

Nest no ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

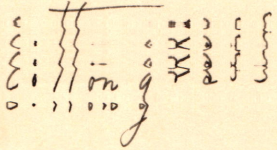
Forest Tall brush (4-10') Shrub (1-4')

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

dwarf willow & birch



POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched ... none

No. of unhatched eggs.....

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

No. of chicks that left nest. none

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

Name of Bird **TREE SPARROW** Year **1966**

Locality of Nest **Loon Lake, Brooks Range**

Latitude **68° N** Longitude **152° 30' W**

Altitude **2400'** Direction slope faces **level**

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 **unknown**

No. of unhatched eggs **one**

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

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

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

Name of Bird Tree Sparrow Year 1964

Locality of Nest ANAKTUVUK PASS

Latitude 68° 8' N Longitude 151° 45' W

Altitude 2300 Direction slope faces south

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:

cotton grass
few shubby willows
(near small pool)

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

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.....

#39

Name of Bird Tree Sparrow Year 1965

Locality of Nest Lonely Lake Brooks Range

Latitude 67° 57' N Longitude 153° 10' W

Altitude 2700' Direction slope faces NW

Nest no ft. above ground or 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:

Swart willow
cotton grass

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building in grass tussock

FATE OF NEST

No. of eggs hatched 4

No. of unhatched eggs.....

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

.....

No. of chicks that left nest 4

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

.....

#1

Name of Tree Sparrow | Year 1965

Locality of Nest Bettles Field

Latitude 66°50'N Longitude 151°40'W

Altitude Direction slope faces flat

Nest no 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 []

Other burned over forest

List abundant plants:

sparse birch & spruce - cottongrass

POSITION OF NEST

- In tree, brush or shrub []
On ground, under tree, brush or shrub [x]
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, unknown

Cause of death of chicks not leaving nest

.....

Name of Bird **TREE SPARROW** Year **1966**

Locality of Nest **Loon Lake, Brooks Range**

Latitude **67° 55' N** Longitude **152° 30' W**

Altitude **2400'** Direction slope faces **level**

Nest **on** ~~ft. above~~ ground or 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 **4**

No. of unhatched eggs **1**

Cause of non-hatching of eggs **sterile**

..... **4**

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

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

Name of Bird TREE SPARROW Year 1966

Locality of Nest Loon Lake, Brooks Range

Latitude 68° N Longitude 152° 30' W

Altitude 2400' Direction slope faces level

Nest on ~~ft. above~~ ground or 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:

short willows, dwarf birch

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 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 Tree Sparrow Year 1964

Locality of Nest ANAKTUVUK Pass

Latitude 68° 8' N Longitude 151° 45' W

Altitude 2300' Direction slope faces West

Nest none ft. above ground or 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:

cotton grass
shubby willows
(near small pond)

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched unknown

No. of unhatched eggs.....

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

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

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

Name of Bird Tree Sparrow | Year 1962

Locality of Nest Dry Creech, Alaska Range

Latitude 63° 57' Longitude 147° 25'

Altitude 3500' Direction slope faces N.

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 bigelowii,

Salix pulchra, Hylocomium splendens

Pleurozium schreberi, Sphagnum sp

Dryas octopetala, Cassiope tetragona

Betula glandulosa.

Nest is ⁱⁿ under side of Carex clump with

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 _____

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

L.A. Viereck ^{Box 512}
College

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
18	June		5	Yes?	09:00
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
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					

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

309 308 307 306 305 304 303 302 301

UNISORT

1 7 4 2 1 7 4 2 1

1 2 4 7 1 2 4 7 1

Name of Bird TREE SPARROW Year 1964

Locality of Nest LOON LAKE

Latitude 67°55'N Longitude 155°30'W

Altitude 2350' Direction slope faces

Nest none ft. above ground or 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:

in tussock of cotton grass under shrubby willows

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 none

Cause of death of chicks not leaving nest

died of unknown cause

Name of Bird TREE SPARROW Year 1964

Locality of Nest Loon Lake

Latitude 67°55'N Longitude 155°30'W

Altitude 2350 Direction slope faces West

Nest n.a.n.e. ft. above ground or 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:

cotton grass
shrubby willows

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska
GILBERT F. STAENDER
 Name and address 13900 S. W. Sundleaf Dr.
 Astoria, Oregon
 of observer

FOR OBSERVATIONS ON ONE NEST

Day No. of Adult on Nest? Sex? Time

Month No. of Eggs

Year of Hatched

1 7 6 1 4 ♀

2 7 1 4

7 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

1 7 1 4

2 7 1 4

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

UNISORT

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

collected unshatched

eggs for F&W analysis

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

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

110 109 108 107 106 105 104 103 102 101

2 1 7 4 2 1 7 4 2 1

#18

Name of Bird Tree Sparrow Year 1965

Locality of Nest Lonely Lake Brooks Range

Latitude 67° 57' N Longitude 153° 10' W

Altitude 5600' Direction slope faces flat

Nest na ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

dwarf willow
cotton 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 ingrass tussock

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 unknown

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 AND PAPER CARDS

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **GILBERT F. STAENDER**
13900 S. W. Sundelet Dr
Oswege, Oregon

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
17	6	5		♀	
19	6		4	♀	

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

could not locate nest on 7-14

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

UNISORT

TABLE 4. TREE SPARROW NESTS IN THE UPPER VALLEY OF THE SHEENJEK RIVER, ALASKA, JUNE-JULY, 1956—Con.

Date of first observation	Contents of nest	
	First observation	Subsequent observations
June 19	5 eggs	June 20 5 eggs
June 20	6 eggs	June 26 5 eggs
June 22	4 eggs (warm)	
June 22	4 eggs; 1 young (just hatched)	
June 23	5 eggs	
June 24	4 eggs	
June 30	3 eggs (warm)	July 1 3 eggs
July 6	4 eggs	
July 9	5 young (naked)	
July 16	2 eggs (warm)	

TABLE 4. TREE SPARROW NESTS IN THE UPPER VALLEY OF THE SHEENJEK RIVER, ALASKA, JUNE-JULY, 1956

Date of first observation	Contents of nest	First observation	Subsequent observations		
June 1	nest-cup only	June 7	June 8	June 20	June 26
		2 eggs	3 eggs	3 young; 1 egg	4 young
June 6	5 eggs				
June 8	5 eggs				
June 8	1 egg				
June 10	4 eggs	June 18	June 24	June 26	
	(June 11 = 5th egg)	5 eggs	5 young (just hatched)	5 young	
June 11	5 eggs (warm)				
June 11	5 eggs (warm)				
June 13	5 eggs				
June 14	5 eggs				
June 14	4 eggs	June 22	June 25		
		3 young (1 day old); 1 egg	3 young (eyes open); 1 egg (embryo undeveloped)		
June 14	nest-cup only	June 22			
		4 eggs			
June 14	5 eggs				
June 15	4 eggs	June 22	June 26		
		4 eggs	4 young (just hatched)		
June 16	5 eggs	June 17	June 26		
		5 eggs	4 young (just hatched); 1 egg (dead embryo $\frac{1}{3}$ developed)		
June 16	5 eggs				
June 16	6 eggs				
June 19	4 eggs; plus 1 egg cold in front of nest	June 24			
		4 eggs			

→ should have hatched 17-18.5 N

← 13 days incub.