

Name of Bird Longspur | Year 1961

Locality of Nest Oqotoruk Creek, Alaska

Latitude 68° Longitude 165

Altitude 100 Direction slope faces E

Nest ~~100~~ ft. above ground or 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 3

Cause of death of chicks not leaving nest _____

Name of Bird Longspur | Year 1961

Locality of Nest Utukok River

Latitude 68°43' Longitude 161°1'

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 Salix, River bar + plain

List abundant plants:

Salix, Birch, Carex tussocks
at base of 12" Betula

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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

Longspur

Year

1960

Locality

of

Nest

Nest built on the side of an
Eriophorum tussock in Univ. of Alaska
study plot 54, Ogotoruk Creek watershed

Latitude

68°09'N.

Longitude

165°31'W.

Altitude ca. 400'

Direction slope faces

N80°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

Marsh

Other

Tussock tundra

List abundant plants:

Eriophorum vaginatum, *Salix pulchra*,
Salix phlebophylla, *Petasites frigidus*,
Anemone narcissiflora, *Hordeochloa alpina*,
Carex bigelowii etc.

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank

On floating mat

FATE OF NEST

No. of eggs hatched

≅ 4

No. of unhatched eggs

didn't see any

Cause of non-hatching of eggs

No. of chicks that left nest

Cause of death of chicks not leaving

Nest

Name of Bird Long Spur | Year 1960

Locality of Nest Ogotoruk Creek Valley NW. coast of Alaska.

Latitude 66° 08' N Longitude 165° 45' W

Altitude 250' Direction slope faces E

Nest ~~at~~ 1/4 ft. above ground ~~at base of shrub.~~

TYPE OF VEGETATION IN AREA (check one or more)

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

Other Etiophotum Tussock Tundra

List abundant plants:

Etiophotum vaginatum
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

Under tussock

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 Lapland longspur Year 1962

Locality of Nest Utukuk Rv. Elusive Cr.

Latitude 69° Longitude 161°

Altitude _____ 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:

Moss, Ledum, Vaccinium
Betula nana, 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 Larus argentatus | Year 1962

Locality of Nest Utukuk R.
Elsie Cr.

Latitude 69° Longitude 161°

Altitude _____ Direction slope faces N

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 tussaks
Moss, 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 _____

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 Lapland longspur | Year 1962

Locality of Nest Utukuk Rv. Elusive Cr.

Latitude 69° Longitude 161°

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:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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 Lapland Longspur Year 1963

Locality of Nest Kukpak R. NW Alaska

Latitude 68° 16' Longitude 165° 35'

Altitude 175' Direction slope faces 0°

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Other Dryish sedge meadow

List abundant plants:

Carex aquatilis
Dryas octopetala
Salix arctica
Mosses

POSITION OF NEST

In tree, brush or shrub
On ground, under ~~tree, brush or shrub~~ overhanging sedge
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 Lapland Longspur Year 1963

Locality of Nest Kukruk River NW Alaska

Latitude 68° 16' Longitude 165° 35'

Altitude 200' Direction slope faces W

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 vaginatum
Salix pulchra
Betula nana

POSITION OF NEST

In tree, brush or shrub
On ground, under ~~tree, brush or shrub~~ E. vaginatum overhang
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 Lapland Longspur | Year 1962

Locality of Nest UT-Kuk Rv. Elusive Cr.

Latitude 69° Longitude 161°

Altitude _____ Direction slope faces hill slope.

Nest ○ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other _____

List abundant plants:
sedge, Ledum, 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 _____

Name of Bird Lapland Longspur | Year 1961

Locality of Nest Aunlik Ra New Alaska

Latitude 69° 50' Longitude 157° 15'

Altitude _____ Direction slope faces N

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 Under Eriophorum tussuk.

List abundant plants:

Salix
Vaccinium (cranberry)
Moss
Betula

POSITION OF NEST

In tree, brush, or shrub
On ground, under tree, brush or 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 Lapland longspur | Year 1961

Locality of Nest near Utukok R. -

Latitude 69° 30' Longitude 160°

Altitude _____ Direction slope faces Valley bottom *

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

Under nicker head

FATE OF NEST

No. of eggs hatched 1

No. of unhatched eggs 3

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird Lapland Longspur Year 1961

Locality of Nest Aunlit Rv. NW Alaska

Latitude 69 50' Longitude 157 15'

Altitude _____ 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 Marsh

Other 200 yds. N. of small creek.

List abundant plants:

Ledum
Saxif
Moss
Eriophorum tussuk

POSITION OF NEST

- In tree, brush, or shrub
- On ground, under tree, brush or shrub tussuk
- 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 LAPLAND LONGSPUR Year 1960

Locality of Nest IGIAK BAY

Latitude 61° 38' N Longitude 166° 10' W

Altitude 50' 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 3?

Cause of death of chicks not leaving ?

Nest _____

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

ALASKA NEST RECORD CARD

R. G. Brown
University of Alaska, College, Alaska

Name and address of observer: **Dept. of Zoology, University Museum, Oxford.**

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
11	6	-	5	♀	02700
12			5	♀	1515
14			5		1515
17			5		1340
18			4		1130
19			3		0400
18			3		2100
20			2		2030
21			empty		1645

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

18/6 1 y. dead in nest
19/6 another " "
20/6 largest y. left nest.
y. about 1 day old when found

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

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

Name of Bird Lapland Longspur | Year 1961

Locality of Nest Lower Kashmir Rd

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 _____

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 Lopland Longspur | Year 1961

Locality of Nest Old Chevok

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

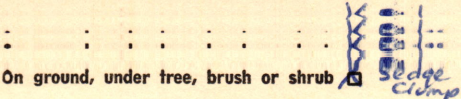
Other Dry Tundra

List abundant plants:

Lichens Sedge

POSITION OF NEST

In tree, brush, or shrub



On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

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 LAPLAND LONGSPUR Year 1960

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°10'N

Altitude 50' 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 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 None

No. of unhatched eggs 4

Cause of non-hatching of eggs Deserted - human interference?

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird LADLAND LONGSPUR Year 1960

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°10'W

Altitude 50' 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 5

No. of unhatched eggs 2

Cause of non-hatching of eggs ?

No. of chicks that left nest 0

Cause of death of chicks not leaving

Nest predation?

Name of Bird LAPLAND LONGSPUR Year 1960

Locality of Nest IGIAK BAY

Latitude 61° 38' N Longitude 166° 10' W

Altitude 50' 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 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 7 2 1
110 109 108 107 106 105 104 103 102 101

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: University Museum, Oxford.

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
17	6	5	-	♀	1900
18		5			1230
19		5		NO ON	0845
20		5			2030
21		5			1700
22		3	2		1345
23		2	3		1100
24			5		1330
25			5		1620
26			5		1715
27			5		1330
28			5		0830

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

22/6 1345 1e clipped.
23/6 1100 1e clipped.

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

UNISORT

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

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

Name of Bird Lapland Longspur Year 1960

Locality of Nest Igiak Bay

Latitude 61°38'N Longitude 166°09'W

Altitude 40' 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 Lapland Longspur Year 1960

Locality of Nest Igiak Bay

Latitude 61°38'N Longitude 166°09'W

Altitude 40' 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 Lapland Longspur Year 1960

Locality of Nest Igiak Bay

Latitude 61°38'N Longitude 166°09'W

Altitude 50' 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 3

No. of unhatched eggs 5

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving

Nest _____

Name of Bird LAPLAND LONGSPUR Year 1960

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°10'W.

Altitude 50' 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 0

No. of unhatched eggs 3

Cause of non-hatching of eggs Deserted -

human interference.

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird LAPLAND LONGSPUR Year 1960

Locality of Nest 191 AK BAY

Latitude 61° 34' N Longitude 166° 10' N.

Altitude 50' 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 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 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

S. B. Brown,
 University of Alaska, College, Alaska
 Dept. of Zoology,
 University Museum,
 Oxford

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
5	6	4	??	♀	0930
6		5		"	1570
7		5		"	1730
8		5		"	0900
11		5		"	1030
15			5	"	1050
16			5		0900
16			5		1000
16			5		1000
18			5		1300
19			5		0845
20			5		2015
21			5		1730
22			5?		1345
23			2		1105
24			empty		1330

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

UNISORT

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

101 102 103 104 105 106 107 108 109 110
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

Name of Bird LADLAND LONGSPUR Year 1960

Locality of Nest IGIAK BAY

Latitude 61° 38' 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 Sandy flats

List abundant plants:

Marum 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

under driftwood ✓

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving They fled from

Nest parent - apparently "bands" mistaken for faeces.

Name of Bird LAPLAND LONGSPUR Year 1960.

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°9'W.

Altitude 50 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 4

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 Lapland Longspur Year 1960

Locality of Nest Igiak Bay

Latitude 61° 38' N Longitude 166° 10' N

Altitude 50' Direction slope faces W

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 4

No. of unhatched eggs 1

Cause of non-hatching of eggs kicked out of nest

No. of chicks that left nest ~~4~~ 3

Cause of death of chicks not leaving ?

Nest _____

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

ALASKA NEST RECORD CARD

R. G. B. Brown
 University of Alaska, College, Alaska
 Dept. of Zoology,
 University Museum,
 Oxford.

Name and address of observer

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
7	6	5		ON	1900
11		4			2330
15		4			0030
16		4			1145
17		3	1	F	0900
		3	1	F	1330
		2	2	F	2300
		2	2		2300
18			4		1630
23			4		2300
25			3		2000
26			3		2000
27			3		1130
28			1		0845

REMARKS: e.g. Birds banded, pertinent weather information, etc.
 y. banded 64-38232/4

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

UNISORT

Name of Bird LAPLAND LONGSPUR Year 1960

Locality of Nest N. G HOOPER BAY

Latitude 61°33' N Longitude 166°5' W.

Altitude 50' 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 lapland Longspur Year 1963

Locality of Nest Igiak Bay

Latitude 61°44' Longitude 165°43'

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:

*Nest in grass on marsh flats.
Lined with ptarmigan feathers*

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or 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

Lepland kongspari

Year

1963

Locality
of
Nest

Igiak Bay

Latitude.....61°44'..... Longitude.....165°43'.....

Altitude.....1525'..... 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:

On rounded top of
mountain

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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 Lapland Longspur Year 1963

Locality of Nest Igiak Bay

Latitude 61°44' Longitude 165°43'

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 Lapland Longspur Year 1966

Locality On slope of first ridge S.W. of main creek on north end of Hagemelster Is.

Latitude 58°44' Longitude 160°55'

Altitude 500 Direction slope faces East

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:

crowberry
dwarf birch
CLADONIAS

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or 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 Alaska Longspur | Year 1960

Locality of Nest near mouth of Pitmegea R. Cape Sabine, Alaska

Latitude _____ Longitude _____

Altitude 20-75' Direction slope faces quite 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 Marsh

Other _____

List abundant plants:

Grass
Eriophorum
Dwarfed 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

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	Lapland Longspur <i>Calcarius lapponicus</i>	Year	1964
--------------	---	------	------

Locality of Nest near Seevoo Point
St. Lawrence Island, Alaska

Latitude 63° 18' N Longitude 168° 56' W

Altitude 30' Direction slope faces N

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 snowbanks

List abundant plants: bog birch

grasses
sedge
mosses
lichens

POSITION OF NEST

In tree, brush or shrub

On ground, under ~~tree, brush or shrub~~ 6" bog birch

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name Lapland Longspur | Year 1964
of
Bird Calcarius lapponicus

Locality by building w. of weather station lake
of
Nest St. Paul Island, Pribilofs, Alaska

Latitude 57° 08' 30" N Longitude 170° 13' W

Altitude 20' 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 fresh water lake, cinder road, trash

List abundant plants:

beachgrass (*Elymus arenarius mollis*)

Equisetum

sedge

lupine

Lupinus arcticus

poppy

Papifer radicum

moss

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 7

No. of unhatched eggs 0

Cause of non-hatching of eggs -

No. of chicks that left nest

Cause of death of chicks not leaving nest

Name of Bird Highland Longspur Year 1963

Locality of Nest Igiak Bay

Latitude 61°44' Longitude 165°43'

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:

*Nest in grass on marsh flats.
Lined with ptarmigan feathers*

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or 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 Lapland Longspur
Calcarius lapponicus Year 1964

Locality of Nest near Seevoo Point
St. Lawrence Island, Alaska

Latitude 63° 18' N Longitude 168° 56' W

Altitude 30' Direction slope faces N

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 snowbanks

List abundant plants: 60g birch
grasses
sedge
mosses
lichens

POSITION OF NEST

- In tree, brush or shrub
- On ground, under ~~tree, brush or shrub~~ 6" bog birch
- On ground, not under tree, brush or shrub
- On ground, in open on sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched —

No. of unhatched eggs —

Cause of non-hatching of eggs —

.....

No. of chicks that left nest —

Cause of death of chicks not leaving nest —

.....

Name of Bird Alaska Longspur Year 1960

Locality of Nest near mouth of Pitmegea R. Cape Sabine, Alaska

Latitude _____ Longitude _____

Altitude 20-75' Direction slope faces quite 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 Marsh

Other _____

List abundant plants:

Grass
Eriophorum
Dwarfed 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

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 Lapland Longspur Year 1966

Locality of Nest On slope of first ridge s.w. of main creek on north end of Hagemester Is.

Latitude 58°44' Longitude 160°55'

Altitude 500 Direction slope faces East

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:

crowberry
dwarf birch
CLADONIAS

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or 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 Lapland Longspur Year 1963

Locality of Nest Igiak Bay

Latitude 61°44' Longitude 165°43'

Altitude 1525' 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:

On rounded top of mountain

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or 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 Lapland Longspur Year 1963

Locality of Nest Igiak Bay

Latitude 61°44' Longitude 165°43'

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 Lapland longspur Year 1972

Locality of Nest Eagle Summit

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

Altitude ~ 3600' Direction slope faces South

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:

Sedge
grass
moss

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub
on south side of sedge-grass tussock

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 1.....

No. of unhatched eggs 2.....

Cause of non-hatching of eggs apparent
abandonment of nest.....

No. of chicks that left nest 1..... (this bird appeared too young to have fledged)

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

Name of Bird Lapland Longspur Year 1964

Locality of Nest Anaktuvuk Pass

Latitude 68° 08' N Longitude 151° 45' W

Altitude 2100' Direction slope faces level

Nest ~~2700'~~ 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
a few 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 3

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.....

.....

#55

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

Latitude 67°52'N Longitude 154°W

Altitude 3200' Direction slope faces south

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 dry tundra

List abundant plants:

POSITION OF NEST feather lined
grass cup in ground
 In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, 10" willow 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 none

Cause of death of chicks not leaving nest

predated, nest scattered

#56

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

Latitude 67° 52' N Longitude 154° W

Altitude 3200' Direction slope faces in narrow stream gully

Nest on ~~4'~~ above ground or 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 cottongrass.....

List abundant plants:

POSITION OF NEST in clump of cottongrass

- In tree, brush or shrub
- On ground, under tree, brush or 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 five.....

No. of unhatched eggs.....

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

.....

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

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

.....

#65

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

Latitude 67° 52' N Longitude 154° W

Altitude 3000' Direction slope faces valley floor

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 band of willows near stream

List abundant plants:

thin willow patch

POSITION OF NEST grass cup in clump of grass
 In tree, brush or shrub

On ground, under tree, brush or 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 two

Cause of death of chicks not leaving nest perhaps exposure from cold - to be tested for DDT

#40

Name of Bird	Lapland Longspur	Year	1965
--------------	------------------	------	------

Locality of Nest	Lonely Lake Brooks Range
------------------	-----------------------------

Latitude 67°57'N Longitude 153°10'W

Altitude 3800' Direction slope faces N

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:

cotton grass
very low 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 cotton grass tussock

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs none

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

No. of chicks that left nest 5

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

#32

Name of Bird Lapland Longspur Year 1965

Locality of Nest Lonely Lake Brooks Range

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

Altitude 3600' 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:

cotton grass
few very low 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 in cotton grass tussock

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.....
predator

12

Name of Bird Lsp land Longspur Year 1965

Locality of Nest Lonely Lake Brooks Range

Latitude 67°57'N Longitude 153°10'W

Altitude 9700' Direction slope faces NE

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:

cotton grass
very low 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 in cotton grass tussock

FATE OF NEST

No. of eggs hatched

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

#33

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

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

Altitude **3000'** Direction slope faces **flat**.....

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 **and..cottongrass**.....

List abundant plants:

Salix Alaxensis,
Salix glauca,
cottongrass--Eriophorum
vaginatum

POSITION OF NEST in clump of grass

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, **short willow** 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.....

.....

35

Name of Bird Lapland Longspur Year 1968

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

Latitude 67° 52' N Longitude 154° W

Altitude 3000' Direction slope faces flat

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 dry tundra

List abundant plants:

dryas, sparse grass, few prostrate willows

POSITION OF NEST cup of grass in small clump of grass
In tree, brush or shrub

On ground, under tree, brush or shrub
under 8" high willows

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 unknown

Cause of death of chicks not leaving nest

#42

Name of Bird Lapland Longspur	Year 1968
----------------------------------	--------------

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

Latitude 67°52'N Longitude 154°W

Altitude 3500' Direction slope faces south

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 dry tundra

List abundant plants:

dryas, creeping willow

POSITION OF NEST under 8" 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 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.....

#41

Name of Bird Lapland L ngspur	Year 1968
----------------------------------	--------------

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

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

Altitude. 3500'... Direction slope faces. SW.....

Nest.....on ~~fr. abv~~ above ground or 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:

not typical situation-
POSITION OF NEST under rock

In tree, brush or shrub

On ground, under tree, brush or 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 hatchedunknown.....

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.....

#23
#1

Name of Bird Lapland Longspur Year 1968

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

Latitude 67° 52' N Longitude 154° W

Altitude 2600' 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 dry tundra.....

List abundant plants:

POSITION OF NEST in grass clump

In tree, brush or shrub

On ground, under tree, brush or 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 none.....

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

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

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

#21

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

Latitude 67° 52' N Longitude 154° W

Altitude 3500' Direction slope faces south

Nest on ~~4-7'~~ above ground or 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:

POSITION OF NEST in grass clump

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched at least 4

No. of unhatched eggs.....

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

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

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

#18

Name of Lapland Bird Longspur	Year 1968
---	---------------------

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

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

Altitude **3300'** 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 **field of cottongrass**

List abundant plants:

POSITION OF NEST **in clump of cottongrass**

In tree, brush or shrub

On ground, under tree, brush or 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 **4**

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

No. of chicks that left nest **none**

Cause of death of chicks not leaving nest

sterile eggs

#17

Name of Bird	Lapland Longspur	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 dry tundra

List abundant plants:

POSITION OF NEST not typical cup of grass under low 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

#16

Name of Bird	Lapland L ngs pur	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

short dry tundra

Other

List abundant plants:

short grass, dryas, vaccinium

POSITION OF NEST not typical-cup
of grass under creeping
In tree, brush or shrub 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 three

No. of unhatched eggs 1

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

No. of chicks that left nest probably 3

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

Name of Bird Lapland Longspur Year 1964

Locality of Nest Anaktuvuk Pass

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

Altitude 2150 Direction slope faces level

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

nest in tussock facing S.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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.....

unknown

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and Address Gil Staender
13900 Sumdeleaf
 Observer Lake Oswego, Oreg.

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
19	6	4	1	♀	
20	6	1	4	♀	
22	6		5	♀	
26	6		5 dead		

REMARKS: e.g. Birds banded, pertinent weather information, etc.
 Snow storm June 23rd
 + 24th
 5 dead young sent to
 Denver for Hydrocarbon
 residue analysis (sample #17)

UNISORT ANALYSIS CARD
 FORM #12
 PURROUSHS CORPORATION - TODD DIVISION - L

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

UNISORT
 27 4 26 2 25 1 24 7 23 4 22 2 21 1 20 7 19 4 18 2 17 1 16 7 15 4 14 2 13 1 12 7 11 4 10 2 9 1 8 7 7 4 6 2 5 1 4 7 3 4 2 2 1 227 4 226 2 225 1 224 2 223 4 222 2 221 1 220 7 219 4 218 2 217 1 216 7 215 4 214 2 213 1 212 7 211 4 210 2 209 1 208 7 207 4 206 2 205 1 204 7 203 4 202 2 201 1

Name of Bird Lapland Longspur Year 1964

Locality of Nest Anaktuvuk Pass

Latitude 68°8'N Longitude 151°45'W

Altitude 2150 Direction slope faces level

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

nest in cotton grass tussock facing S.E.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 3

No. of unhatched eggs 1

Cause of non-hatching of eggs unknown

No. of chicks that left nest none

Cause of death of chicks not leaving nest

probably predator

110 109 108 107 106 105 104 103 102 101

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer Gilbert Staender
13900 Sundeleaf
Oswego, Ore

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
17	6	4		♀	
19	6	3	1	♀	
24	6		3	♀	
25	6		empty		

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

Snow & cold weather
6-23rd & 24th

309 308 307 306 305 304 303 302 301

1 2 4 7 1 2 4 7 1

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

UNISORT

Name of Bird Lapland Longspur Year 1964

Locality of Nest Anaktuvuk Pass

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

Altitude 2150' Direction slope faces level

Nest n.e.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

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or 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 none

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

.....

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

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

UNISORT ANALYSIS CARD
 FROM X-172 BUREAU OF BIRDS AND BIRDS BOUNDARIES CORPORATION - TODD DIVISION - L

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

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

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
19	6	6		♀	
23	6	6			
(23 6 collected eggs for F. & W. analysis)					
24	6	4		♀	
26	6	4		♀	

REMARKS: e.g. Birds banded, pertinent weather information, etc.
 2 eggs collected for analysis had embryos (sample #4)

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

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

UNISORT

#14

Name of Bird	Lapland Longspur	Year	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 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:

willows, cottongrass

POSITION OF NEST in clump of
cottongrass

In tree, brush or shrub

On ground, under tree, brush or 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.....

#10

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

Latitude 67°52'N Longitude 154°W

Altitude 3400' Direction slope faces south

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

surrounded by snow
Other

List abundant plants:

POSITION OF NEST in clump of grass

In tree, brush or shrub

On ground, under tree, brush or shrub
under very short willow
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.....

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

UNISORT
ALASKA
ANALYSIS
CARD
FIELD FORM Y 12
BURROUGHS CORPORATION - TODD DIV. - L

ALASKA NEST RECORD CARD
University of Alaska, College, Alaska

Name and address of observer Mr. & Mrs. Gilbert Staender
13900 Southwest Sundeleaf Dr
Lake Oswego, Oregon 97034

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
3	6	1			
3	6	0			

REMARKS: e.g. Birds banded, pertinent weather information, etc.
predated
much deep snow in area
June 13

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

#11

Name of Bird Lapland Longspur Year 1968

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

Latitude 67° 52' N Longitude 154°

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 moist gully, surrounded by deep snow

List abundant plants:

cottongrass, short willows

POSITION OF NEST in clump of

In tree, brush or shrub cottongrass

On ground, under tree, brush or 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.....

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

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

UNISORT
 ALASKA
 BIRDS
 RECORD
 STD. FORM Y 12
 BURROUGHS CORPORATION - TODD DIV. - L

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **Mr. & Mrs. Gilbert Staender**
13900 Southwest Sundleaf Dr
Lake Oswego, Oregon 97034

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
13	6	3			
24	6	0			

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

predated
 much deep snow in area
 June 13

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

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

UNISORT

#5

Name of Bird	Lapland Long-spur	Year	1968
--------------	-------------------	------	------

Locality BROOKS RANGE, Folly Lake,
of Head of Unakserak Riv.
Nest

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

Altitude 3400' 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:

cottongrass

POSITION OF NEST in clump of

In tree, brush or shrub cottongrass

On ground, under tree, brush or 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.....

.....

#6

Name of Bird	Lapland Longspur	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 south

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

snow-covered slope with few

Other exposed places of dry tundra

List abundant plants:

scattered clumps of
cottongrass, dwarf willow,
dryas

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub
- On ground, not under tree, brush or shrub
in clump of cottongrass
- 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.....

.....

#77

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

Latitude. 67° 52' N Longitude. 154° W

Altitude. 3500' Direction slope faces south

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

on small exposed tundra on
Other snow-covered slope

List abundant plants:

dry tundra 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.

Cause of non-hatching of eggs.

.....

No. of chicks that left nest. unknown

Cause of death of chicks not leaving nest.

.....

110 109 108 107 106 105 104 103 102 101

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **Mr. & Mrs. Gilbert Staender
13900 Southwest Sundleaf Dr.
Lake Oswego, Oregon 97034**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
12	6	2			am
12	6	1			pm
24	6	could not find nest			

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

 much deep snow in area
 June 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

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

309 308 307 306 305 304 303 302 301

1 2 4 7 1 2 4 7 1

UNISORT

#83

Name of Lapland Bird Longspur	Year 1968
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Locality **BROOKS RANGE, Folly Lake.**
 of
 Nest **Head of Unakserak River**

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

Altitude... **3600'** Direction slope faces... **south**

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 **exposed tundra on snow covered slope**

List abundant plants:

**dwarf willows, dryas,
 scattered clumps of
 cottongrass**

POSITION OF NEST

In tree, brush or shrub

60' On ground, under tree, brush or shrub **under**
high willow

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched ... **none**

No. of unhatched eggs.....

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

abandoned

No. of chicks that left nest.... **none**

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

.....

#9

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

Latitude. 67° 52' N Longitude. 154° W

Altitude. 3600' Direction slope faces south

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 dry tundra

List abundant plants:

dryas, vaccinium
sparse short grass

POSITION OF NEST not typical, flat
on ground, not concealed.
In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched at least one

No. of unhatched eggs. unknown

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

No. of chicks that left nest. unknown

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

#4

Name of Bird Lapland Longspur Year 1968

Locality Head of BROOKS RANGE of Unakserak River, Nest

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

Altitude. 3000' Direction slope faces flat.....

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 mt. valley floor.....

List abundant plants: in low clump of grass under low willow---- cottongrass, low 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 none.....

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

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

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

#1

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

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

Latitude 67°52'N Longitude 154°W

Altitude 3400' Direction slope faces flats

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 smooth dry tundra

List abundant plants:

dryas, few clumps of cottongrass, in clump of cottongrass, Most of slope covered with snow

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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.....

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 Mr. & Mrs. Gilbert Staender
13900 Southwest Sundeleaf Dr.
Lake Oswego, Oregon 97034

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
7	6	2		no	10a.m
7	6			♀	10p.m
12	6	5		♂	
14	6	0			

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

predated much snow in area

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

201 1
202 2
203 4
204 7
205 1
206 2
207 4
208 7
209 1
210 2
211 4
212 7
213 1
214 2
215 4
216 7
217 1
218 2
219 4
220 7
221 1
222 2
223 4
224 7
225 1
226 2
227 4
228 7
229 1
230 2

#2

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

Locality of Nest Head of BROOKS RANGE
Unakserak River

Latitude. 67° 52' N Longitude... 154°

Altitude. 3000' Direction slope faces south

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:

dryas, vaccinium,
cottongrass in sparse
clumps

POSITION OF NEST in small clump of grass

In tree, brush or shrub

On ground, under ~~tree, brush or shrub~~ ^{rock}

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.....

#33

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

Locality of Nest Head of Unakserak River
BROOKS RANGE

Latitude 67°52'N Longitude 154°W

Altitude 3000' Direction slope faces south

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 field of cottongrass

List abundant plants: on mt. valley floor

nest in clump of 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

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 Lapland Longspur Year 1963

Locality of Nest Kukpuk River N W Alaska

Latitude 68° 16' Longitude 165° 35'

Altitude 150' Direction slope faces 0°

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

other Ridge of low center polygons

List abundant plants:

Carex septilis
Eriophorum angustifolium
mooses esp. Sphagnum
Salix sp.

POSITION OF NEST

In tree, brush or shrub
On ground, under ~~tree, brush or shrub~~ overhanging sedge
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 Lapland Year 1963
of Longspur
Bird

Locality NW Alaska
of Kukpuk Rv.
Nest

Latitude 68° 16' Longitude 165° 36'

Altitude 300' 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 Tussocks

List abundant plants:

sedge
MOSS

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched

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 Lapland Longspur Year 1963

Locality of Nest NW ALASKA KUKPUK R.V.

Latitude 68° 16' Longitude 165° 36'

Altitude 300 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
Betula

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or 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	Lupland Longspur	Year	1963
--------------	------------------	------	------

Locality of Nest *NEW ALASKA KUKPUK Rv.*

Latitude *68° 16'* Longitude *160° 36'*

Altitude *300'* 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 *Dry sedge meadow near* *0 me*

List abundant plants:

SE000

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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 *Herb found nest*

FATE OF NEST

No. of eggs hatched *0* *destroyed, eggs gone..*

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	Lapland Longspur	Year	1963
--------------	------------------	------	------

Locality of Nest NW Alaska
Kukpak Riv.

Latitude 68° 16' Longitude 165° 36'

Altitude 200' Direction slope faces

Nest ○ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other Wet sedge meadow

List abundant plants:

Sedge

Moss

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched

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 Lapland longspur | Year 1962

Locality of Nest Elusive Cr, Utukok R.

Latitude 69° Longitude 161°

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 on side Carex tussock

List abundant plants:
Eriophorum
Carex
Betula nana

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub under Betula n.
- 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 Lapland Longspur | Year 1961

Locality Avalik Rv. NW Alaska
Nest

Latitude 69° 50' Longitude 159° 15'

Altitude _____ Direction slope faces Ridge top

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:

Eriophorum tussuk
moss
Vaccinium
Ericaceous plant.

POSITION OF NEST

in tree, brush, or shrub
On ground, under ~~tree, brush or shrub~~ in tussuk
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

Longspur

Year

1961

Locality of Nest

UTUKOK RIVER

Latitude

69° 25'

Longitude

160° 5'

Altitude

Direction slope faces

Nest

1 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

Forest

Tall brush (4-10')

Shrub (1-4')

Moist tundra

Rocky Tundra

Field

Marsh

Other

Ridge top

List abundant plants:

Vaccinium

Tussock

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

Tussock

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 Lapland Longspur | Year 1971

Locality of Nest mile # 9, Kenali Highway

Latitude 63-03 Longitude 145-40

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 Lapland longspur | Year 1971

Locality of Nest N of Butte Lake

Latitude 63°14'N Longitude 147°50'W

Altitude 3200 ft Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

*in tundra on slight slope
w/scattered rocks; moss;
dwarf birch & willow
w/scattered swampy areas.*

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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 Lapland Longspur 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.....

.....

Eagle FK. 150 yds. below rt & left branches - left hand side - lower 1/3 slope

Name of Bird Lapland longspur	Year 1968
-------------------------------------	--------------

Locality of Nest
Eagle Creek
mile 105 steese

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

Altitude..... 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:

Salix, Dryas, Carex, Cassiope

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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.....

.....

Eagle FK, back of center hill
going into first swale, 2/3 up slope

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

Locality of Nest	Eagle Creek Mile 105 Steese
------------------	--------------------------------

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

Altitude..... 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:

*B. Birch, Salix reticulata,
Senecio 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.....

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 *Jerry McEwan
Fbks, AK*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>14</i>	<i>6</i>	<i>2</i>	<i>2</i>	<i>♀</i>	<i>9:10am</i>

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

UNISORT
ALASKA
CARD
NO. FORM Y 12
BIRROUHS CORPORATION - TODD DIV. - L

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

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

105.5 Mi. on S. side of
road within 30 ft.

Name of Bird Lapland longspur	Year 1966
-------------------------------------	--------------

Locality of Nest
Eagle Creek
Mile 105, Steese Highway

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

Altitude. 3300..... 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

List abundant plants:

~~Betula~~ Sphagnum
grasses, & Salix.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub
under Betula SA CDwarf

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
ALASKA
SIS
CARD
FORM Y 12

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: *John Trent College, Alaska*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
16	6	5	-	yes	1100 AM
18	6	5	-	NO	1200 PM

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

201 202 203 204 205 206 207 208 209 210 211 212 212 213 212 215 212 216 212 217 212 218 212 219 212 220 222 221 222 222 223 222 422 422 225 222 922 422

UNISORT

Head of E. Running Br.

Name of Bird	Lapland Longspur	Year	1966
--------------	------------------	------	------

Locality of Nest Eagle Creek
mile 105, Steese Hwy

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

Altitude.. 3300... 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:

Dwarf willow, grass,
Sphagnum and lichens

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub
under tussock

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... Not determined

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

Center Hill, w face, high
(middle of hill)

#3

Name of Bird Lapland Longspur	Year 1968
----------------------------------	--------------

Locality of Nest Eagle Creek mile 105 Steese
--

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

Altitude 3500..... Direction slope faces w.....

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:

dwarf birch (very small), lichen,
dryas.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub ^{sparse, small} birch

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

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

.....

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

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

.....

2nd bench W of mile
105.7

#9

Name of Bird Lapland Longspur	Year 1968
Locality of Nest Eagle Creek mile 105 Stace	

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

Altitude. 3400..... Direction slope faces. flat.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

willow, sedge tussocks, moss

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub birch

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

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

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

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

upper Eagle Fk, S-facing slope, near ♀ pt.

#4

Name of Bird Luplund Longspur	Year 1968
----------------------------------	--------------

Locality of Nest
Eagle Creek
mile 105 Steese

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

Altitude... 3400... 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

List abundant plants:

sedge, rhododendron,
dryas, birch scrub

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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.....

.....

same area as # 4

(which is lower on hill)

#5

Name of Bird Luplund Longspur	Year 1968
----------------------------------	--------------

Locality of Nest
Eagle Creek
mile 105 Steese

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

Altitude.. 3450... 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

List abundant plants:

sedge, dryas, birch,
rhododendron

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or 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.....

.....

2nd Gulch (80 yds N of stream)

6

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

Locality of Nest	Eagle Creek mile 105 Steese
------------------	--------------------------------

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

Altitude.. 3200... Direction slope faces SW.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

low dwarf birch, cranberry,
sedge, lichen

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub dwarf birch

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

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

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

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

W boundary ridge,
S of grassy run

7

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

Locality of Nest	Engle Creek mile 105 Steese
------------------	--------------------------------

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

Altitude... 3300... Direction slope faces... SE...

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:

sedge, dryas, Loiseleuria,
Dizensia

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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.....

.....

high on slope between upper
Bates and 2nd Gulch

Name of Bird Lapland ~~tong~~
Longspur Year 1968

Locality of Nest Eagle Creek
mile 105 steese

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

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Dwarf birch, Cranberry,
Moss, Grass,

POSITION OF NEST

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

FATE OF NEST

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

NO BOWL above upper bates.

Name <u>LAPLAND</u>	Year
of Bird <u>LONGSPUR</u>	<u>1968</u>

Locality <u>Eagle Creek</u>
of Nest <u>Mile 105 Stage</u>

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

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Dryas
Grass
Moss

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs.....

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

.....

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

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

.....

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

UNISORT ALASKA BIRDS AND WILDLIFE SURVEYS AND RECORDS SECTION STATIONARY DIVISION BUREAU OF BIRDS AND WILDLIFE

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **Jerry McGowan**
Fpk. AK.

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
8	6	5	-	♀	9:10am

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

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

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

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

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Eagle Cr., AK., Mi. 105 Steese Hwy.

Name of Bird	Lapland Longspur	Year	1968
--------------	------------------	------	------

Locality of Nest ~~at~~ East of upper Fork of Nameless Creek. Lower slope.

Latitude. 65°26' N Longitude. 145°22' W

Altitude. 3500 Direction slope faces. N.W.

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:

Dryas
Lichen
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.....

.....

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address
of observer

Dale Hagstrom
5833 Denali St.
Anchorage, Alaska

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
11	6	5	-	yes ♀	1:30 PM

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

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UNISORT T 12 BIRROUSHS CORPORATION - TODD DIV. - L

110 109 108 107 106 105 104 103 102 101

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

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

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

Eagle Cr., Ak., Mi. 105 Steese Hwy.

Name of Bird <u>Lapland Longspur</u>	Year <u>1968</u>
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Locality of Nest 1/2 way up left upper fork of Bates Cr., 1/3 way up mtn.

Latitude 65°28'30"N Longitude 145°28'W

Altitude 3200 Direction slope faces SE

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:

sedge
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

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

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

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

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ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *Dale Haggstrom*
5833 Denali St.
Anchorage, Alaska

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
15	6	0	5	(?)	1:35 PM

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

Eagle Fk, 1/2 way up N side, near head north branch #2

Name of Bird Lapland Longspur Year 1968

Locality of Nest Eagle Creek mile 105 Steese

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

Altitude 3600..... Direction slope faces S.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Sedge, rhododendron, dryas

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub rhododendron

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

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ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *R. Weeden*
Box 425 College

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
31	5	4	-	f on	12:45 pm

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

1 2 4 7 1 2 4 7 1 2

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

UNISORT

Center Hill, SW point, bench #1
2/3 way up.

Name of Bird Laglund Longspur	Year 1968
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Locality of Nest
Eagle Creek
mile 105 Steese H.

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

Altitude. ~~2000~~³⁶⁰⁰..... Direction slope faces. SW.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

dryas, dwarf birch

POSITION OF NEST

- In tree, brush or shrub
- On ground, under tree, brush or shrub ^{sparse 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..... —
- No. of chicks that left nest... 4
- Cause of death of chicks not leaving nest.....

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer R. Weeden
Box 425 College

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
31	5	5	-	eggs warm	10:30 a.m.
16	6	L	4	-	6:35 a.m.
		4-4-5 days old			
27	6	-	-	-	3:00 p.m.

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

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