

Name of Bird Western Sandpiper Year 1969

Locality of Nest Serpentine Hot Springs
Seward Peninsula

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

Altitude..... Direction slope faces SSW.

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 (small heather)

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 2

No. of unhatched eggs.....

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

.....

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

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

.....

110 109 108 107 106 105 104 103 102 101

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BIRROUSHS CORPORATION - TODD DIV. - L

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer D. G. ROSENBLAU
ADI-XG

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
13	6	4	-	V6-5 ?	

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

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

4 2 1 7 4 2 1 7 4 2 1 7 4 2 1 9 7 4 2 1 7 4 2 1

309 308 307 306 305 304 303 302 301

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Name of Bird Western Sandpiper | Year 1975
Locality of Nest Gambell, St. Lawrence Island

Latitude _____ Longitude _____
Altitude 10 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 _____

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

UNISORT ANALYSIS CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: *James T. Shifflett, Rt 1, Box 85-L, Pucellville, Va*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>10</i>	<i>6</i>	<i>3</i>		<i>✓ ♀?</i>	<i>1000</i>

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

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

Name of Bird Western Sandpiper | Year 1975
Locality of Nest Nome

Latitude _____ Longitude _____

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 Field Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

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

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

ALASKA NEST RECORD CARD
University of Alaska, College, Alaska

Name and address of observer James T. Shifflett
Rt 1, Box 95-L
Purcellville, Va

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
8	6	4		✓ ♀?	1900

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 ANALYSIS CARD Y 12

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

Name of Bird Western sand piper Year 1966

Locality of Nest 2 mi SSW Snake River bridge west of Nouse

Latitude 64° 33' Longitude 165° 34'

Altitude 25' Direction slope faces level

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

List abundant plants:

Dwarf birch Cledonia silv.
Ledum

Cranberry
Blueberry
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.....

.....

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

ALASKA NEST RECORD CARD
University of Alaska, College, Alaska

Name and address of observer: Detlef Einfeld
Gen Del. College

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
6	6	4		yes	10am

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

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

1 201 1
2 202 2
4 203 4
7 204 7
1 205 1
2 206 2
4 207 4
7 208 7
1 209 1
2 210 2
4 211 4
7 212 7
1 213 1
2 214 2
4 215 4
7 216 7
1 217 1
2 218 2
4 219 4
7 220 7
1 221 1
2 222 2
4 223 4
7 224 7
1 225 1
2 226 2
4 227 4
7 228 7
1 229 1
2 230 2
4 231 4
7 232 7
1 233 1
2 234 2
4 235 4
7 236 7
1 237 1
2 238 2
4 239 4
7 240 7
1 241 1
2 242 2
4 243 4
7 244 7
1 245 1
2 246 2
4 247 4
7 248 7
1 249 1
2 250 2
4 251 4
7 252 7
1 253 1
2 254 2
4 255 4
7 256 7
1 257 1
2 258 2
4 259 4
7 260 7
1 261 1
2 262 2
4 263 4
7 264 7
1 265 1
2 266 2
4 267 4
7 268 7
1 269 1
2 270 2
4 271 4
7 272 7
1 273 1
2 274 2
4 275 4
7 276 7
1 277 1
2 278 2
4 279 4
7 280 7
1 281 1
2 282 2
4 283 4
7 284 7
1 285 1
2 286 2
4 287 4
7 288 7
1 289 1
2 290 2
4 291 4
7 292 7
1 293 1
2 294 2
4 295 4
7 296 7
1 297 1
2 298 2
4 299 4
7 300 7
1 301 1
2 302 2
4 303 4
7 304 7
1 305 1
2 306 2
4 307 4
7 308 7
1 309 1

Name of Bird Western sand piper Year 1966

Locality of Nest 1 mi SSW Snake River Bridge N West of Nome

Latitude 64° 33' Longitude 165° 33'

Altitude 25' Direction slope faces Level

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Dwarf birch Cross
Ledum Cladonia silv.
Cranberry
Blueberry
Sedge

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched

No. of unhatched eggs

Cause of non-hatching of eggs

.....

No. of chicks that left nest

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 Detlef Eisfeld
Gen. Del. College

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
16	6	4		yes ♀	9am

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

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

Name of Bird WESTERN SANDPIPER Year 1968

Locality of Nest 4 mi. TELLER RD., Nome, SEWARD PEN.

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:

POSITION OF NEST

In tree, brush or shrub

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

.....

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 110 109 108 107 106 105 104 103 102 101

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 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

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ALASKA NEST RECORD CARD
 University of Alaska, College, Alaska

Name and address of observer *ROSENEAU*
ADFG, NOME

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
24	6	-	1	NO	2AM

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

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

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

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Name Western Sandpiper Year
of Ereunetes mauri 1964
Bird

Locality tundra N. of Kinnipaghulghat Mtn.
of St. Lawrence Island, Alaska
Nest

Latitude 63° 1' N Longitude 168° 5' W

Altitude 80' Direction slope faces North

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 partly frozen lake nearby

List abundant plants: 60g birch, willows
grass, mosses, lichens, sedge

POSITION OF NEST

In tree, brush or shrub

On ground, under ~~tree, brush or shrub~~ 3" tall 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 0

No. of unhatched eggs 4

Cause of non-hatching of eggs collected

No. of chicks that left nest —

Cause of death of chicks not leaving nest —

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

4
27 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 *J. Vincent Hoeman*
Div. of Birds
Smithsonian Institution

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>14</i>	<i>June</i>	<i>4</i>	<i>0</i>	<i>yes</i>	<i>0845</i>

REMARKS: e.g. Birds banded, pertinent weather information, etc.
eggs incubated 5 or 6 days.

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

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BURROUGHS CORPORATION - TODD DIVISION - L

Name of Bird Western Sandpiper Year 1963

Locality of Nest Bethel, Alaska

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

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Other

List abundant plants:

Dwarf birch, bedum, Sedges,
Lichens, 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
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
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 8 7
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 3 4
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UNISORT AND NEST RECORD FORM Y 12

BIRROUGHS CORPORATION - TODD DIVISION - L

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer
 Brina Kessel, et al

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
6	June	4		Yes	10:30 am

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

Parent flushed from nest;
 joined by 2nd parent

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

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Name of Bird Western Sandpiper Year 1963

Locality of Nest Bethel, Alaska

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

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

^{Mesic} Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Sedges, lichens, low hedum,
Salix and 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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer Brina Kessel, et al

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
6	June	4		Yes	11:00am

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

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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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 7 220
 1 221
 2 222
 4 223
 7 224
 1 225
 2 226
 4 227

Name of Bird WESTERN SANDPIPER 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:

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

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

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
28	6	4	-	ON	1600
29		4		"	1115

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

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2 1 7 4 2 1 7 4 2 1

110 109 108 107 106 105 104 103 102 101

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ALASKA NEST RECORD CARD

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

Name of Bird WESTERN SANDPIPER Year 1960

Locality of Nest IGIAVIC 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:

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

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 4
 23 4
 22 2
 21 1
 20 7
 19 4
 18 2
 17 1
 16 7
 15 1
 14 1

UNISORT
 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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer

G. B. Brown,
 Dept. of Zoology,
 University Museum,
 Oxford.

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
24	6	4	—	ON	2000

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

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

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

UNISORT

Name of Bird Western Sandpiper Year 1960

Locality of Nest Igiak Bay

Latitude 61°38'N Longitude 166°9'W

Altitude 75' Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

ALASKA NEST RECORD CARD

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

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
26	6	4		ON	1815

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

Name of Bird Western Sandpiper Year 1963

Locality of Nest Bethel 2 mi west

Latitude 61° Longitude 162°

Altitude 135 ft. Direction slope faces Level

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Labrador tea
Very low willow
Sedge
Moss
Lichen

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or 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
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27 4
 26 2
 25 1
 24 7
 23 4
 22 2
 21 1
 20 7
 19 4
 18 2
 17 1
 16 7
 15 4
 14 2
 13 1
 12 7
 11 4
 10 2
 9 1
 8 7
 7 4
 6 2
 5 1
 4 7
 3 4
 2 2
 1 1

UNISORT
 ANALYSIS CARD

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer James G. King
Box 257
Bethel, Alaska

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
1	June	4		Near by F	4:30 PM
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					

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

1 201
 2 202
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 12 212
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 18 218
 19 219
 20 220
 21 221
 22 222
 23 223
 24 224
 25 225
 26 226
 27 227

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

UNISORT

Name of Bird Western Sandpiper | Year 1960

Locality of Nest Igiak Bay

Latitude 61°38'N Longitude 166°10'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 Western Sandpiper | Year 1960

Locality of Nest Igiak Bay

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

Altitude 508 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 4

Cause of non-hatching of eggs nest flooded

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

R. G. B. 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
22	6	4		ON	1455
23		4		ON	1200
24		4		ON	1200
28		4 (cold)			1600

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

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

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

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

Name of Bird Western Sandpiper Year 1960

Locality of Nest Igiak Bay

Latitude 61° 38' N Longitude 166° 10' W
40'

Altitude _____ Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or 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 _____

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

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

UNIVERSITY OF ALASKA NEST RECORD CARD

R. G. B. 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
16	6	3		ON	1315
17		3		ON	1115
18		3		ON	1830
20		3		ON	1230
22		3		ON	1200
24		3		ON	1200
26		3		ON	1830
28		3			1200
1	7	3		ON	2010
2		3		ON	1300
3		3		ON	1700
4			3		1330

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

3/7: 1 egg chipped.

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

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

UNISORT

Name
of
Bird

Western
Sandpiper

Year

1960

Locality
of
Nest

Igiak Bay

Latitude

61°38'N

Longitude

166°10'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

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

ALASKA NEST RECORD CARD

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

Name and
address
of observer

Dept. of Zoology,

University Museum,
Oxford.

FOR OBSERVATIONS ON ONE NEST

UNISORT ANALYSIS CARD STD. FORM Y 12

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
16	6	3		ON	1515
17		3			1140
18		3		ON	1900
19		3		ON	1730
28		3			1600
29		3		ON	1230
30		3		ON	1300
1	7	3		ON	1915
2		3		ON	1330
3		3		ON	1700

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

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

UNISORT

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

Name of Bird Western Sandpiper | 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 _____

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 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

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

FOR OBSERVATIONS ON ONE NEST

UNISORT CARD	DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
201	20	6	4		ON	1400
202	21		4		ON	1945
203	22		4		ON	1800
204	23		4		ON	1900
205	25		4			1900
206	26		4			1900
207	28		1	3		2000
208	(chipped)					
209						
210						
211						
212						
213						
214						
215						
216						
217						
218						
219						
220						
221						
222						
223						
224						
225						
226						
227						

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

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

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

Name of Bird Western Sandpiper Year 1960

Locality of Nest Inland of Point Dall

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

Altitude 5' Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other Sandy habitat

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 Western Sandpiper | 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 Western Sandpiper | Year 1960

Locality of Nest Igiak Bay

Latitude 69° 37' 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 Western Sandpiper Year 1960

Locality of Nest Igiak Bay

Latitude 61° 28' N Longitude 166° 10' W
50'

Altitude _____ Direction slope faces _____

Nest 6 ft. above ground or 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 Western Sandpiper | Year 1960

Locality of Nest Igiak Bay

Latitude 61° 28' 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 _____

Cause of death of chicks not leaving _____

Nest _____

UNISORT 2 1 7 4 2 1 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

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
15	6	4		ON	1900

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

UNISORT CARD STD. FORM Y 12

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

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

UNISORT

Name of Bird Western Sandpiper | Year 1960

Locality of Nest Igiak Bay

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

Altitude 30' 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 _____

2 1 7 4 2 1 7 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

K. C. 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	3		ON	1440
19		4		ON	0930
20		4		ON	1745
21		4		ON	2015
22		4		ON	2000
25		4		ON	1930
26		4		ON	1900
28		4		ON	2000

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

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

UNISORT

Name of Bird Western Sandpiper | 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 3

No. of unhatched eggs 1

Cause of non-hatching of eggs infertile

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 7
 25 1
 24 1
 23 4
 22 7
 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 1
 3 4
 2 2
 1 1

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska
R. C. B. Brown,

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

FOR OBSERVATIONS ON ONE NEST

UNISORT ANALYSIS CARD	DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
12	6	2	2	ON	2040	
14		1				

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

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

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

UNISORT

Name of Bird Western Sandpiper Year 1960

Locality of Nest N of Hooper Bay

Latitude 61° 32' N Longitude 166° 15' W

Altitude 30 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 _____

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

ALASKA NEST RECORD CARD

R. C. B. Braun, 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
8	6	4		ON	12:30

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

309 308 307 306 305 304 303 302 301

UNISORT

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

Name of Bird Western Sandpiper | Year 1960

Locality of Nest Igiak Bay

Latitude 61° 28' 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 _____

Cause of death of chicks not leaving

Nest _____

2 1 7 4 106 105 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

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

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
8	6	4		ON	1200
10		4		ON	1300
14			4		1115

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

14/6: young just leaving nest - no egg-tooth, so at least 1 day old.

UNISORT
 ANALYSIS CARD
 STD. FORM Y 12

27 4
 26 1
 25 1
 24 4
 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 4
 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

Name of Bird Western Sandpiper | 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 3

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 WESTERN SANDPIPER Year 1960

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°9'W.

Altitude 250' 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 Western Sandpiper Year 1960

Locality of Nest N. of Hooper Bay

Latitude 61° 2' N Longitude 166° 05' W

Altitude 30' 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 _____

2 1 7 4 2 1 7 4 2 1
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

UNISORT

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

R. G. B. Brown

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
8	6	3		ON	12:30

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

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

UNISORT ANALYSIS CARD 8 STD. FORM Y 12

Name of Bird Western Sandpiper 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 _____

Cause of death of chicks not leaving

Nest _____

Name of Bird WESTERN SANDPIPER Year 1961

Locality of Nest KASILOF RIVER FLATS - COHOE -

Latitude 60° Longitude 151°

Altitude 10+ 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:

SEDGES -
BUTTERCUP
DAISY 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 2 or more

Cause of death of chicks not leaving _____

Nest _____

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address MARY A. SMITH
 observer COHOE, ALASKA

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
<u>28</u>	<u>JUNE</u>		<u>2.</u>		<u>2:45 p.m.</u>

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

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

110
109
108
107
106
105
104
103
102
101
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
1
308
7
307
4
306
2
305
1
304
7
303
4
302
2
301
1

UNISORT

Name of Bird WESTERN SANDPIPER 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 _____

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
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
5	6	4	—	ON	1345

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

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

UNISORT

Name of Bird WESTERN SANDPIPER Year 1960

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°10'W

Altitude 250' 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 0

Cause of non-hatching of eggs _____

No. of chicks that left nest 3

Cause of death of chicks not leaving _____

Nest _____

ALASKA NEST RECORD CARD

R. G. 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
3	6	4	-	ON	1700
4		4	-	"	
6		4	-	"	1440
7		4	-	"	1800
8		3	-	"	1300
13		3	-	"	1500
15		3	-	"	1930
17		3	-	NOT ON	1900
18		3	-	"	1830
19		3	-	ON	1455
20		3	-	NOT ON	1230
22		1	2	"	1100
22		0	3	"	1430
23		empty		"	1215

REMARKS: e.g. Birds banded, pertinent weather information, etc.
*1 egg removed 7/6 for albumen sampling.
 Young banded*

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

UNISORT ANALYSIS CARD STD. FORM Y 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

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

Name of Bird WESTERN SANDPIPER 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 _____

Cause of death of chicks not leaving

Nest _____

2 1 7 4 1 7 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

Name and address of observer
Dept. of Zoology,
University Museum,

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
7	6	4	-	ON	1500
10		4	-	"	0645
14		4	-	"	1810
16		4	-	NOT ON	1150
17		4	-	"	1845
18		4	-	"	1155
19		4	-	"	1530
20		4	-	ON	1300
23		4	-	NOT ON	1245
24		4	-	"	1250
25		4	-	"	1645
26		4	-	"	1745
27		4	-	"	1340
29		1	3	"	1800

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

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

UNISORT

Name of Bird WESTERN SANDPIPER 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 2

No. of unhatched eggs 1

Cause of non-hatching of eggs infertile

No. of chicks that left nest 0

Cause of death of chicks not leaving

Nest _____

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

ALASKA NEST RECORD CARD

R. C. D. 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
3	6	2	-	ON	1845
5		3	-	ON	2300
6		3	-	ON	1445
13		3	-	ON	1520
17		3	-	NOT ON	1900
18		3	-	NOT ON	1830
19		3	-	ON	1500
20		3	-	NOT ON	1230
22		3	-	"	1430
23		3	-	"	1220
24		2		"	1225
26		1		"	1830

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

UNISORT 309 308 307 306 305 304 303 302 301

UNISORT ANALYSIS CARD STD. FORM Y 12

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

UNISORT

Name of Bird WESTERN SANDPIPER Year 1960

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°10'W

Altitude 250' 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 _____

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

UNISORT R G B 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
4	6	4	-	ON	
5		4	-	"	2030

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

UNISORT 909 309 1 908 308 7 907 307 4 906 306 2 905 305 1 904 304 7 903 303 4 902 302 2 901 301 1

Name of Bird WESTERN SANDPIPER Year 1960

Locality of Nest N. A 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 _____

27
4
26
1
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
4
3
2
2
1

110 109 108 107 106 105 104 103 102 101

ALASKA NEST RECORD CARD

UNISORT
 Name and address of observer: *R. G. 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
<i>31</i>	<i>5</i>	<i>4</i>	<i>-</i>	<i>ON</i>	<i>2045</i>

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

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

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

Name of Bird WESTERN SANDPIPER 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 3

No. of unhatched eggs 1

Cause of non-hatching of eggs chipped but

young bird dead inside

No. of chicks that left nest 3

Cause of death of chicks not leaving

Nest _____

ALASKA NEST RECORD CARD

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
31	5	2	-	ON	2100
1	6	3	-	"	2000
2		3	-	NOT ON	1900
3		4	-	ON	1700
4		4	-	"	
13		4	-	"	1500
15		4	-	"	1930
17		4	-	"	1900
19		4	-	"	1400
20		4	-	"	1230
21		4	-	NOT ON	100
22		4	-	"	1430
23		4	-	ON	1210
24		1	3	NOT ON	1210
26		1	0	NOT ON	1830

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

Young banded

UNISORT

Name of Bird WESTERN SANDPIPER | Year 1960

Locality of Nest HOOPER BAY

Latitude 61°32'N Longitude 166°5'W

Altitude 25' 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 _____

ALASKA NEST RECORD CARD

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
	2/6	4	-	DN	1700

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

Name of Bird WESTERN SANDPIPER Year 1960.

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°10'W.

Altitude 250' 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 _____

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 4
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 4
3 4
2 2
1 1

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *R. C. B. Brown, Dept. of Zoology, University Museum, Oxford.*

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
1/6	6	4	—	ON	1345

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

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

UNISORT ANALYSIS CARD STD. FORM Y 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

Name of Bird WESTERN SANDPIPER Year 1960

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°10'W

Altitude 250' 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 _____

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

K. G. B. Brown
Dept. of Zoology,
University Museum,
Oxford

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
1	6	4		ON	1500
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					

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

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

UNISORT

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

UNISORT ANALYSIS CARD STD. FORM Y 12

Name of Bird WESTERN SANDPETER Year 1960

Locality of Nest IGIAK BAY

Latitude 61°38'N Longitude 166°10'W

Altitude 75 Direction slope faces _____

Nest 0 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other e

List abundant plants:

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

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs 1

Cause of non-hatching of eggs ? infertile

No. of chicks that left nest _____

Cause of death of chicks not leaving

Nest _____

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

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

UNISORT
ANALYSIS
CARD
STD. FORM Y 12

ALASKA NEST RECORD CARD

G. E. 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
<i>22/5</i>		<i>3</i>	<i>-</i>	<i>ON</i>	
<i>18/6</i>		<i>1</i>	<i>-</i>	<i>NOT ON</i>	<i>1230</i>

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

*Some snow in area
22/5*

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

UNISORT

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

Name of Bird Western Sandpiper | Year 1960

Locality of Nest 1 mile southeast of mouth of Pitmegea River, Cape Sabine

Latitude _____ Longitude _____

Altitude 50' 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 Marsh

Other _____

List abundant plants:

Willow (max. height 10")
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

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 R. Weeden
Box 425 College

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
30	6	0	3	—	4:00 p.m.

REMARKS: e.g. Birds banded, pertinent weather information, etc.
1 adult attending these 3 yg. which were only 2-3 days old at the most.

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

Name of Bird WESTERN SANDPIPER Year 1960

Locality of Nest HOOPER BAY

Latitude 61° 32' N Longitude 166° 5' W

Altitude 30' 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:

Gross

POSITION OF NEST

- In tree, brush, or shrub
On ground, under tree, brush or 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 WESTERN SANDPIPER Year 1960

Locality of Nest N. of 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:

Gross:
- 30000:
0

POSITION OF NEST

In tree, brush, or shrub

On ground, under tree, brush or 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 _____

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska
Dept. of Zoology,
University Museum,
Oxford.

Name and address of observer

FOR OBSERVATIONS ON ONE NEST

UNISORT ANALYSIS CARD STD. FORM Y 12	DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
	23	5	3	-	ON	1445

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

4
27
2
26
1
25
1
24
1
23
4
22
1
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
1
3
4
2
2
1
UNISORT

Name of Bird WESTERN SANDPIPER Year 1960

Locality of Nest N. of HOOPER BAY

Latitude 61°33'N Longitude 166°5'W.

Altitude 30' 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:

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

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

R. G. Brown,
 Dept. of Zoology,
 University Museum,
 Oxford.

FOR OBSERVATIONS ON ONE NEST

UNISORT CARD STANDARD FORM Y 12	DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
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					

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

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

UNISORT

Name of Bird WESTERN SANDPiper Year 1960

Locality of Nest N-9 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:

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

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 Western Sandpiper Year 1963

Locality of Nest Jgiak 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.....
-

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

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

Name and address of observer

Heinrich Springer

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
14	June	3 piped	1		noon
"	"	1	3		2:30
12	"	0	4	Last hatched between 3:00+5:00	

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

2 banded; 2 collected
14 June 1963

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

Name of Bird Western Sandpiper | 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.....

.....

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: *Heinrich Springer*

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>14</i>	<i>June</i>	<i>4</i>			

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

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

UNISORT ANALYTICALS CARD

BURROUGHS CORPORATION - TODD DIVISION - 1

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

Name of Bird Western Sandpiper Year 1963

Locality of Nest Jgiak Bay

Latitude 61°44' Longitude 165°43'

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

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

- In tree, brush or shrub
- On ground, under ~~tree, brush or shrub~~ ^{low}
- On ground, not under ~~tree, brush or shrub~~ ^{low}
- 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 Western Sandpiper Year 1963

Locality of Nest Igiak Bay

Latitude 61° 43' 4" Longitude 165° 43'

Altitude..... 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')

^{mesic} Moist Tundra Rocky Tundra Field Marsh

Other Moss - hedum - dwarf birch..

List abundant plants:

Willow twigs spreading over nest cup, mixed with overhanging "grasses"

POSITION OF NEST

- In tree, brush or shrub
- On ground, under ~~tree, brush~~ ^{low} or 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 Brina Kessel and Heinrich Springer

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
9	June	4		Yes	5:30pm
20	June	4		Yes	

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

UNISORT ANALYSIS CARD

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

UNISORT

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

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

Name of Bird Western Sandpiper Year 1963

Locality of Nest Jgiak 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 Western Sandpipers Year 1966

Locality of Nest Kolman River, Alaska

Latitude 61°40' Longitude 165°40'

Altitude 10 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 32

No. of unhatched eggs

Cause of non-hatching of eggs

.....

No. of chicks that left nest

Cause of death of chicks not leaving nest

.....

110 109 108 107 106 105 104 103 102 101

UNISORT
MADE IN
SINGAPORE
FORM Y-12
BUREAUCHEMICALS CORPORATION
TODD DIV. L

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer *R. T. Holmes Dartmouth College Hanover, N. H.*

FOR OBSERVATIONS ON ONE NEST *68*

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>30</i>	<i>06</i>	<i>3</i>	<i>-</i>	<i>-</i>	<i>-</i>

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

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