

Name of Bird BANK SWALLOW | Year 1960

Locality of Nest Cohoe Beach

Latitude 60° 20' Longitude 151° 20'

Altitude 40 Direction slope faces _____

Nest 40 ft. above ground or 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 UNKNOWN

No. of unhatched eggs "

Cause of non-hatching of eggs loss by erosion of bank

No. of chicks that left nest 40-50

Cause of death of chicks not leaving

Nest _____

Name of Bird BANK SWALLOW Year 1964

Locality of Nest COHOE

Latitude 60 Longitude 152

Altitude 80 Direction slope faces

Nest 10 ft. above ground or 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 GRAVEL PIT BY COHOE ROAD

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 or sand or rocks
- On cliff or bank On floating mat
- On building

FATE OF NEST

No. of eggs hatched 35 x

No. of unhatched eggs none found

Cause of non-hatching of eggs

No. of chicks that left nest 35 x

Cause of death of chicks not leaving nest

Name of Bird **BANK SWALLOW**

Year **1966**

Locality of Nest **Bettles Field**

Latitude **66 50' N** Longitude **151 45' W**

Altitude **600'** Direction slope faces **bank west**

Nest **15** ft. above ground or 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 **sank bank along river**

List abundant plants:

John River, five miles from Koyukuk, in 20 ft high bank about 5 ft from top (Not a colony, only one pair nesting here)

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched **unknown**

No. of unhatched eggs.....

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

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

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

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
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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 NEST RECORD CARD
STANDARD 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 F. STAENDER
13900 S. W. Sundleaf Dr.
Astoria, Oswego, Oregon

FOR OBSERVATION AT **LAKE OSWEGO NEST**

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
<i>19</i>	<i>6</i>	<i>pair</i>	<i>going</i>		

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

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309 308 307 306 305 304 303 302 301

UNISORT

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: J. Vincent Hoeman
828 A Street
Anchorage, Alaska

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit: 26 June 1963

Locality: Seward Hwy. cut $\frac{1}{4}$ mile south of Potter Station along Turnagain Arm.

Description of habitat:

West-facing highway cut composed of basal 25' rock cliff, 1 or 2' of sandy soil, then grassy sod. Right across hwy. are the tideflats

SPECIES; bank swallow, Riparia r. maximilliani

Description of nests

and nest sites:

Holes in the sandy soil between the overhanging edge of sod and the bedrock, extending along an area of 50' of so.

FILL IN NUMBER OF NESTS CONTAINING:

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

I did not open any holes

NO. IN COLONY

Occupied nests ca. 10

Pairs of birds ca. 10

Use back for remarks

27 4
 28 1
 25 1
 24 7
 23 4
 22 2
 21 2
 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

Bank swallows have been ~~observed~~
 observed throughout May &
 June every year since 1960
 at this colony, but there
 seemed to be more of them
 here in 1961 than either
 of the two succeeding yrs.
 so that many holes are not
 now used. Increased amount
 of highway traffic right
 below the nesting cliff
 may be responsible.

UNISORT ANALYSIS CARD STD. FORM Y 12

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

BANK SWALLOW

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and
address of
observer:

Mr., Mrs. Gilbert Staender
13900 S.W. Sundeleaf Dr.
Lake Oswego, Oregon

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit: June 15, 1966

Locality: M.P. 1332 Alaska Highway
near Yerrick River

Description of habitat: Old gravel piles
made by Alaska Hi-way Dept--
not being used by highway crews.

SPECIES; Bank Swallows

Description of nests
and nest sites: nests were holes
from one to 15 feet from ground.
Swallows very busy excavating or
flying in and out of nest holes.

FILL IN NUMBER OF NESTS CONTAINING:

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

NO. IN COLONY
Occupied nests over 200
Pairs of birds 200
Use back for remarks

COLONY 8 NESTS

Name of Bird BANK SWALLOW Year 1968

Locality of Nest COHOE. ALASKA

Latitude 151 Longitude 61

Altitude 85 Direction slope faces

Nest 10 ft. above ground or 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 GRAVEL PIT (ABANDONED)

List abundant plants:

GRASSES

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched 18 on 20

No. of unhatched eggs UNKNOWN

Cause of non-hatching of eggs

No. of chicks that left nest 19 on 19

Cause of death of chicks not leaving nest 1

DEATH CAUSE UNKNOWN

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer:

J. Vincent Hoeman
828 A Street
Anchorage, Alaska

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit: 26 June 1963

Locality: Turnagain Gravel Pit, 7 mi. so. of Anchorage on both sides of Seward Hwy.

Description of habitat:

Sandy edges of sand & gravel excavations, 10 to 20' above the base of the "cliffs" and 250 to 300' above sea level

SPECIES; bank swallow, Riparia r.

Description of nests and nest sites:

maximilliani

Holes in solider, sandier upper parts of west and north facing banks

FILL IN NUMBER OF NESTS CONTAINING:

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

I did not open any holes.

NO. IN COLONY

Occupied nests ca. 50

Pairs of birds ca. 50

Use back for remarks

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

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6 2
5 1
4 7
3 4
2 2
1 1

UNISORT ANALYSIS CARD STD. FORM Y 12

Throughout May and June of each year since 1960 I have noted bank swallow activity at this colony. The same holes seem to be occupied year after year. However on the 24 or 25 of June this year, the gravel operation moved away a section of bank that contained about 20 occupied nests, destroying them.

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2 226
4 227

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

Name of Bird *R. riparia* | Year 1971

Locality of Nest College

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

110 109 108 107 106 105 104 103 102 101

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

UNISORT AND BUSINESS CARD
FORM Y 12
Burroughs Business Forms
PRINTED IN U.S.A.

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer **J. W. Willetts**

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
20	JL	2	-	-	-

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

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1 7 4 2 1 7 4 2 1

Name of Bird **BANK SWALLOW** Year **1967**

Locality of Nest **COHOE, ALASKA**

Latitude **60** Longitude **151**

Altitude **80** Direction slope faces

Nest **10** ft. above ground or 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 **ROADSIDE GRAVEL PIT**

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 **20 or more**

No. of unhatched eggs **1 or 2**

Cause of non-hatching of eggs **UNKNOWN**

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

Cause of death of chicks not leaving nest **BANK EROSION**

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
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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
BIRDS
CORPORATION
TODD DIV.
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ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

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

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
27	JUNE	20 ²		F	5:15 p.m.
10	JULY	egg + young			7:00 p.m.
15	-		15-17		
22	-	8	3 or 4		
27	-		3 or more		
3	AUG				

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

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

UNISORT

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer:

DENNIS (OLE) WIK
GLACIER BAY

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit: JUNE 10, 1971

Locality: FOREST CREEK
GLACIER BAY

Description of habitat:

GLACIAL SANDS + GRAVELS
DEEPLY GRODED

SPECIES: BANK SWALLOW

Description of nests and nest sites:

IN CERTAIN OF
THE SEDIMENTARY LAYERS.
QUITE INACCESSIBLE

FILL IN NUMBER OF NESTS CONTAINING:

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

NO. IN COLONY 115 BURROWS

Occupied nests _____

SAW 15 BIRDS,
Pairs of birds SOME
ENTERING BURROWS
Use back for remarks

UNISORT

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

UNISORT ANALYSIS CARD STD. FORM Y 21

THESE ARE AT LEAST
15 COLONIES IN UPPER
Muir Inlet, Chiefly
IN THE ADAMS Inlet
AREA.

110 109 108 107 106 105 104 103 102 101

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

Species: Bank Swallow

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer: **DAVID T. HOOPES**
BROOKS LAKE Lab
4000 Bur. C. F.
King Salmon, Alaska

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit: **6/13**

Locality: **Brooks lake, Alaska**
156°00' west long 58°36' North Lat

Description of habitat: **An island in Brooks lake approx 15 acres in size. The nests were located at the top of a fifty ft' cliff.**

Description of nests and nest sites: **A soil cavity with a depth of approx 7 inches. The nest in back consisted of grass and a few feathers.**

FILL IN NUMBER OF NESTS CONTAINING:

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

NO. IN COLONY

Occupied nests **5**

Pairs of birds **Not Known**

Use back for remarks

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

UNISORT ANALYSIS CARD STD. FORM Y 12

There were five nests in the colony, but only one the eggs were counted. Four nests were found in a two ft. area and the fifth was 3 feet away. The length of the cavity was 13", 10", 12", 7", 9" and the diameter of the entrance was 1 1/2", 2", 1 1/2", 2 1/2", 2 1/2".

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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
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

UNISORT

Name of Bird Bank Swallow | Year 1952

Locality of Nest Tanana River, S.E. Flks, Alaska

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest 2-3 ft ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky Tundra Field Marsh

Other In low river bank

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
- In ~~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: **Bruce Kessel and Calvin J. Hansink**

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
21	June	5	-	Yes, <i>incubating</i>	

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

Nest composed of old Equisetum branches and lined with feathers

- UNISORT ANALYSIS CARD STD. FORM Y 12
- 1 201
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 - 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:

Heinrich K. Springer
18th Regt - Co
Ft. Wainwright

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit:

17 JUNE 1962

Locality:

ON RICHARDSON HGW
near Harding LAKE 64°27'N

Description of habitat:

146°55'W.

borrowpit for gravel & sand
in brush, near Richardson
hgw.

SPECIES:

BANK SWALLOW

Description of nests and nest sites:

in sandy cliff.
nests average 2' feet deep,
nests lined with feathers
(mostly duck) and grass

FILL IN NUMBER OF NESTS CONTAINING:

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

NO. IN COLONY

Occupied nests ≈ 100

Pairs of birds _____

Use back for remarks

Name of Bird BANK SWALLOW Year 1961

Locality of Nest COHOE

Latitude 60° Longitude 151°

Altitude 100 Direction slope faces _____

Nest 4 1/2 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other in gravel pit

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 55-60 NESTS.

No. of eggs hatched AV - 4 EGGS -

No. of unhatched eggs UNKNOWN.

Cause of non-hatching of eggs _____

No. of chicks that left nest 200 +

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: **MARY. A. SMITH
 COHOE, ALASKA**

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
15	JUNE	200+			
12	JULY		200+		
25	"		100+		
30*			10-20.		

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

* approx 300 birds near burrow area.

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Name of Bird BANK SWALLOW Year 1961

Locality of Nest COHOE BEACH

Latitude 60° Longitude 151°

Altitude 65 Direction slope faces W.

Nest 60-65 ft. above ground or 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 IN CLIFF FACING COOK'S INLET

List abundant plants: INLET

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 30 ACTIVE BURROWS

No. of eggs hatched AV-4 eggs? 000+

No. of unhatched eggs UNKNOWN.

Cause of non-hatching of eggs _____

No. of chicks that left nest ~~150+~~ 150+

Cause of death of chicks not leaving (ESTIMATED)

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: **MARY A. SMITH**
COHOE, ALASKA

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	No. of Eggs	No. of Young	ADULT ON NEST? SEX?	TIME
1	JUNE	NEST CONSTRUCTION			
14	"	200 100 +			
30	"		200 +	?	
9	JULY		2*		
12	"		6.		
15	"		100 +		
17	"		150 Approx.		
22	"		25-30		
29	"		100 2.		

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

* peeking from burrow entrance.

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UNISORT

Name of Bird BANK SWALLOW Year 1965

Locality of Nest COHOE.

Latitude 60 Longitude 152

Altitude 80 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 Field Marsh

Other GRAVEL PIT

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 40X

No. of unhatched eggs 2.

Cause of non-hatching of eggs CRUSHED BY

COLLAPSE of nest

No. of chicks that left nest 40

Cause of death of chicks not leaving nest 3-4

in one nest - abandoned?

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

COLONY

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

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

FOR OBSERVATIONS ON ONE NEST

UNISORT ANALYSIS CARD S.T.D. FORM 112

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
19	JUNE		DIGGING BURROWS.		
20-22	JULY			F	6:30 P.M.
22	"	2	36.		
4	AUG.		6		8:25 A.M.
6	"		<hr/>		

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

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

UNISORT

Name of Bird BANK SWALLOW Year 1965

Locality of Nest COHOE - JOHNSON'S LAKE

Latitude 60 Longitude 152

Altitude 90 Direction slope faces W

Nest 15 ft. above ground or 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 GRAVEL PIT

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched UNKNOWN
No. of unhatched eggs 1
Cause of non-hatching of eggs infertile

No. of chicks that left nest 23?

Cause of death of chicks not leaving nest -

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

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

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

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
29	JULY	1	23		
6	AUG	1		==	

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

*15 or 16 burrows.
many swallows shot
by teen aged boys.*

1 101
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
309 1
308 7
307 4
306 2
305 1
304 7
303 4
302 2
301 1

Name of Bird BANK SWALLOW Year 1962

Locality of Nest COHOE BEACH

Latitude 61° Longitude 157°

Altitude 0 Direction slope faces _____

Nest 80 ft. above ground or 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 ALONG SHORE OF COOK

List abundant plants: INLET.

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 100X. ?

No. of unhatched eggs UNKNOWN

Cause of non-hatching of eggs SOME LOST

BY EROSION OF BANK. ⁵⁻⁸ NESTS

No. of chicks that left nest UNKNOWN.

Cause of death of chicks not leaving nest SOME

LOST BY EROSION OF BANK
8-10 NESTS LOST.

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

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

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

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

FOR OBSERVATIONS ON ONE NEST

DAY	MONTH	NO. OF EGGS	NO. OF YOUNG	ADULT ON NEST? SEX?	TIME
10	JUNE	BIRDS			
15	"	EXCAVATING.			
25	"	120			
19*	JULY		12 - 15 -		
25	"		30+		
29	"		15x		
5	AUG.	<hr/>			

REMARKS: e.g. Birds banded, pertinent weather information, etc.
 * 30 PAIRS - TAKING AVERAGE OF 4 EGGS.
 * YOUNG PEEKING OUT OF BURROWS.

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

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

UNISORT

Name of Bird Bank Swallow Year 1960

Locality of Nest Peterson Creek near upper bridge

Latitude _____ Longitude _____

Altitude 15' 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 Grassy Banks alongside creek

List abundant plants:

Colony nesting in bank beside creek. Forest 50 to 250 yards distant.

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 colony

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

BANK SWALLOW

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer:

Mr., Mrs. Gilbert Staender
13900 S.W. Sundeleaf Dr.
Lake Oswego, Oregon

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit:

June 19, 1966

Locality:

On John River, four miles from Koyukuk

Description of habitat: 10 ft high sand bank on west side of river. Nest holes from 3 to 8 ft up.

SPECIES:

BANK SWALLOW

Description of nests and nest sites:

Flying in and out of nest holes--inspected closely to see how many were being used.

FILL IN NUMBER OF NESTS CONTAINING:

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

NO. IN COLONY

Occupied nests 7

Pairs of birds 7

Use back for remarks

UNISORT

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

309 308 307 306 305 304 303 302 301

UNISORT ANALYSIS CARD STD. FORM Y 12

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

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

1 2 4 7 1 2 4 7 1 2 110

101

102

103

104

105

106

107

108

109

Name of Bird BANK SWALLOW Year 1966

Locality of Nest COHOS

Latitude 60 Longitude 151

Altitude 80 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 Field Marsh

Other GRAVEL PIT

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 .. possible 48

No. of unhatched eggs .. UNKNOWN

Cause of non-hatching of eggs

No. of chicks that left nest .. possible 48

Cause of death of chicks not leaving nest

Name of Bird BANK SWALLOWS Year 1964

Locality of Nest COHOE

Latitude 60 Longitude 152

Altitude 80 Direction slope faces

Nest 8 ft. above ground or 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 ABANDONED GRAVEL PIT

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 40 plus

No. of unhatched eggs 1

Cause of non-hatching of eggs UNKNOWN

No. of chicks that left nest 40 or more

Cause of death of chicks not leaving nest

UNKNOWN

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

Name and address of observer:

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

FOR ONE VISIT TO A COLONY OF BIRDS

Date of visit: *8 June 1964*

Locality: *immediately w. of Anchorage
International Airport*

Description of habitat: *abandoned sand + gravel
pit*

SPECIES: *bank swallow*

Description of nests
and nest sites:

*holes in sandy banks
birch and white + black spruce
forest around with openings.*

FILL IN NUMBER OF NESTS CONTAINING:

Empty	1 Young	2 Young	3 Young	4 Young	5 Young
1 Egg	1E - 1Y	1E - 2Y	1E - 3Y	1E - 4Y	
2 Eggs	2E - 1Y	2E - 2Y	2E - 3Y		
3 Eggs <i>the 1 examined</i>	3E - 1Y	3E - 2Y			
4 Eggs	4E - 1Y				
5 Eggs					

NO. IN COLONY

Occupied nests *about 45*

Pairs of birds *about 45*

Use back for remarks

Name of Bird BANK SWALLOW Year 1964

Locality of Nest COHOE - near JOHNSON LAKE CAMPGROUND

Latitude 60 Longitude 152

Altitude 100 Direction slope faces

Nest 15-20 ft. above ground or 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 GRAVEL PIT - EARTHEN CLIFFS

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 200 X

No. of unhatched eggs UNKNOWN

Cause of non-hatching of eggs SOME

eroding of bank last a few

No. of chicks that left nest 200 X

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
ANGLERS
CARD

COLONY

ALASKA NEST RECORD CARD

University of Alaska, College, Alaska

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

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
30	JUNE	EXCAVATING + NESTING			ACTIVITY
2	JULY	ABOUT 300 ^x			
12	"		?		
17			200 ^x		
24			10-15		

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

COLONY had 70 nest holes - eggs - 4-5 in nests examined

309 308 307 306 305 304 303 302 301

1 7 4 2 1 7 4 2 1

UNISORT

Name of Bird *R. riparia* | Year 1971

Locality of Nest *College*

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

UNISORT AVIATION BUSINESS CARD

ALASKA NEST RECORD CARD
 University of Alaska, College, Alaska

Name and address
of observer

J. W. Willetts

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
25	JUN	-	4	-	-

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

101 102 103 104 105 106 107 108 109 110

301 302 303 304 305 306 307 308 309 310

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

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

Name of Bird *R. riparia* | Year 1971

Locality of Nest *College*

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird *R. riparia* | Year 1971

Locality of Nest College

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest _____ ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

