

Boreal Chickadee

Name of Bird ~~Chestnut backed~~ ~~Chickadee~~ | Year 1961

Locality of Nest So. end Island Lake near Tetlin, Alaska

Latitude _____ Longitude _____

Altitude 1650 Direction slope faces _____

Nest 4 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants: Spruce
Birch moss

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched _____

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving nest _____

Name of Bird BOREAL CHICKADEE Year 1977

Locality of Nest Birch Plot, mi 1275, Alaska Highway, Northway

Latitude _____ Longitude _____

Altitude 1800 Direction slope faces SW

Nest 14 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:

- Paper Birch
- Alnus crispa
- White Spruce
- Rosa acicularis
- Viburnum edule
- Calamagrostis

POSITION OF NEST

In tree, brush or shrub CAVITY

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 Adult observed carrying food to nest cavity

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 BOREAL CHICKADEE | Year 1961

Locality of Nest 14 mi. ea. of Homer (McNeil Canyon) edge of meadow

Latitude _____ Longitude _____

Altitude 300 Direction slope faces S

Nest 5 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other hay meadow, wet fields

List abundant plants:

spice-birch
wet grass meadow
dry hayfield -
pinky, fireweed
nettle, elderberry, alder

POSITION OF NEST

In tree, brush, or shrub (alder stump)

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 unknown

No. of eggs hatched _____ (uncertain as to

No. of unhatched eggs _____ contents of nest)

Cause of non-hatching of eggs _____

No. of chicks that left nest _____

Cause of death of chicks not leaving _____

Nest _____

Name of Bird BOREAL CHICKADEE | Year 1961

Locality of Nest COHOE

Latitude 60° Longitude 151°

Altitude 80 Direction slope faces _____

Nest 1 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush or shrub in stump 2' high

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs UNKNOWN.

Cause of non-hatching of eggs "

No. of chicks that left nest 5

Cause of death of chicks not leaving nest _____

Name of Bird BOREAL CHICKADEE | Year 1961

Locality of Nest COHOE.

Latitude _____ Longitude _____

Altitude _____ Direction slope faces _____

Nest 5 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 11

No. of chicks that left nest _____

Cause of death of chicks not leaving

Nest _____

Name of Bird BOREAL CHICKADEE Year 1961

Locality of Nest COHOE

Latitude 60° Longitude 151°

Altitude 80 Direction slope faces _____

Nest 3 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other _____

List abundant plants:

POSITION OF NEST

In tree, brush, or shrub *in dead STUMP.*

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 6.

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest 6.

Cause of death of chicks not leaving _____

Nest _____

Name of Bird BOREAL CHICKADEE Year 1961

Locality of Nest COHOE. NEAR COHOE BEACH

Latitude 60° Longitude 157°

Altitude 70 Direction slope faces _____

Nest 3 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky tundra Marsh

Other GRASS FLAT

List abundant plants:

POSITION OF NEST

In tree, brush, or shrub

*in dead stump
out in open*

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 6.

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest 6.

Cause of death of chicks not leaving _____

Nest _____

Name of Bird **BOREAL CHICKADEE** | Year **1962**

Locality of Nest **BY UPPER COHOE TRAP LAKE**

Latitude **61°** Longitude **151°**

Altitude **80** Direction slope faces _____

Nest **5½-6** 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 _____

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 **7**

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest **6 or 7**

Cause of death of chicks not leaving nest _____

Name of Bird **BOREAL CHICKADEE** Year **1963**

Locality of Nest **C0406**

Latitude **60°** Longitude **151°**

Altitude **80** Direction slope faces

Nest **7** 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 STUMP

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched **5**

No. of unhatched eggs **?**

Cause of non-hatching of eggs

No. of chicks that left nest **5**

Cause of death of chicks not leaving nest

#2

Name of Bird **BOREAL CHICKADEE** Year **1965**

Locality of Nest **COHOE**

Latitude.....**66.2**..... Longitude.....**151**.....

Altitude.....**80**..... Direction slope faces.....

Nest.....**7**.....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:

**white spruce
poplar**

POSITION OF NEST

In tree, brush or shrub **TOP OF DEAD STUMP**

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched**5**.....

No. of unhatched eggs.....**2**.....

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

.....

No. of chicks that left nest.....**4 or 5**.....

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

.....

#3

Name of Bird BOREAL CHICKADEE | Year 1965

Locality of Nest COHOE

Latitude 60 Longitude 151

Altitude 80 Direction slope faces _____

Nest 3 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

WHITE SPRUCE
COTTONWOOD.

POSITION OF NEST

In tree, brush or shrub

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 4

No. of unhatched eggs UNKNOWN

Cause of non-hatching of eggs _____

No. of chicks that left nest 4

Cause of death of chicks not leaving nest _____

#2

Name of Bird	BOREAL CHICKADEE	Year	1969
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Locality of Nest
COHOE, ALASKA

Latitude 61 Longitude 151

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 NEST BOX BY EMPTY HOUSE

List abundant plants: ON TOP OF A SHED

SPRUCE

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched . UNKNOWN

No. of unhatched eggs

Cause of non-hatching of eggs

.....

No. of chicks that left nest 5

Cause of death of chicks not leaving nest

.....

3

Name of Bird	BOREAL CHICKADEE	Year	1969
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Locality of Nest
OOHOE. ALASKA

Latitude... 61..... Longitude... 151.....

Altitude... 80..... Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POPLAR
SPRUCE (WHITE)

POSITION OF NEST

In tree, brush or shrub DEAD STUMP

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 5

No. of unhatched eggs... UNKNOWN

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

.....

No. of chicks that left nest..... 5

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

.....

Name of Bird BOREAL CHICKADEE Year 1968

Locality of Nest COHOE ALASKA

Latitude 151 Longitude 61

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

List abundant plants:

WHITE SPRUCE
POPLAR

POSITION OF NEST

In tree, brush or shrub DEAD STUB

On ground, under tree, brush or shrub

On ground, not under tree, brush or shrub

On ground, in open on sand or rocks

On cliff or bank On floating mat

On building

FATE OF NEST

No. of eggs hatched 4 or 5

No. of unhatched eggs none

Cause of non-hatching of eggs

No. of chicks that left nest 4 or 5

Cause of death of chicks not leaving nest

Name of Bird **BOREAL CHICKADEE** Year **1967**

Locality of Nest **CONDE. ALASKA**

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

Altitude **85** Direction slope faces

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

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

FATE OF NEST

No. of eggs hatched **5**

No. of unhatched eggs **UNKNOWN**

Cause of non-hatching of eggs

No. of chicks that left nest **5**

Cause of death of chicks not leaving nest

#1

Name of Bird	BOREAL CHICKADEE	Year	1969
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Locality of Nest COHOE ALASKA

Latitude.....61..... Longitude.....151.....

Altitude.....80..... Direction slope faces.....

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

WHITE SPRUCE
POPLAR

POSITION OF NEST

In tree, brush or shrub HOLLOW IN TREE

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 ... UNLAWFUL

No. of unhatched eggs.....

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

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

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

Name of Bird BOREAL CHICKADEE | Year 1961

Locality of Nest COHOE.

Latitude 60° Longitude 151°

Altitude 80 Direction slope faces _____

Nest 9-10 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 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 6

No. of unhatched eggs _____

Cause of non-hatching of eggs _____

No. of chicks that left nest 6

Cause of death of chicks not leaving _____

Nest _____

Name of Bird BOREAL CHICKADEE Year 1963

Locality of Nest COHOE

Latitude 60 Longitude 151

Altitude 80 Direction slope faces _____

Nest 3 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Other by SHORE OF LAKE

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 6

No. of unhatched eggs 2

Cause of non-hatching of eggs UNKNOWN -

eggs lost before nest empty

No. of chicks that left nest 5 or 6

Cause of death of chicks not leaving nest _____

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	
28	MAY	NEST UNDER CONSTRUCTION				
5	JUNE			F	5:05 p.m.	
12	"	8			2:12 p.m.	
16	"			F	7:30 A.M.	
19	"	2	6		6:45 A.M.	
21	"			F	7:06 A.M.	
22	"			F	7:25 P.M.	
24	"			F	5:40 P.M.	
28	"			F	7:10 A.M.	
1	JULY		6 av more		6:58 p.m.	
3	"		5 av 6.		7:25 A.M.	
5	"		"		7:10 A.M.	
6	"		"		5:30 A.M.	
10	"	 				8:00 A.M.

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

UNISORT ANALYSIS CARD STD. FORM NO. 112

309 308 307 306 305 304 303 302 301

1 7 4 2 1 7 4 2 1

UNISORT

Name of Bird BOREAL CHICKADEE Year 1960

Locality of Nest Cohoe

Latitude 60° 20' Longitude 151° 20'

Altitude 80 Direction slope faces _____

Nest 4 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 by shore of lake

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 6

No. of unhatched eggs 0

Cause of non-hatching of eggs _____

No. of chicks that left nest 6

Cause of death of chicks not leaving _____

Nest _____

1

Name of Bird BOREAL CHICKADEE Year 1965

Locality of Nest COHOE

Latitude 60 Longitude 151

Altitude 80 Direction slope faces

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

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

POSITION OF NEST

In tree, brush or shrub DEAD STUMP

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 6

No. of unhatched eggs 1

Cause of non-hatching of eggs UNKNOWN

.....

No. of chicks that left nest 4 or more

Cause of death of chicks not leaving nest

.....

Name of Bird BOREAL CHICKADEE | Year 1961

Locality of Nest COHOE.

Latitude 40° Longitude 151°

Altitude 80 Direction slope faces _____

Nest 3 1/2 - 4 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 by shore of lake.

List abundant plants:

POSITION OF NEST

In tree, brush, or shrub dead stub.

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 9

No. of unhatched eggs NONE FOUND

Cause of non-hatching of eggs _____

No. of chicks that left nest POSSIBLY 7-9

Cause of death of chicks not leaving _____

Nest NO DEAD CHICKS

FOUND

Name BOREAL Year 1966
of CHICKADEE

Locality KODIAK, ALASKA
of Pillar Mt. Rd.
Nest

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

Altitude... 200' Direction slope faces... N....

Nest... 3 1/2...ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA (check one or more)

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

Moist Tundra Rocky Tundra Field Marsh

Other

List abundant plants:

Spruce (rainforest growth)
Salmonberry
Alder
"Sewitch's club"
Elderberry
FERN

POSITION OF NEST

In tree, brush or shrub ^{old} STUMP, 5' tall

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 not revisited

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 Parus hudsonicus Year 1984

Locality of Nest Brooks Range, upper Dietrich R. valley

Latitude 68°00'N Longitude 149°45'W

Altitude 2400' Direction slope faces W

Nest 5 ft. above ground or base of cliff.

TYPE OF VEGETATION IN AREA. (check one or more)

fairly dense tall willows in creek drainage

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

Moist Tundra Rocky Tundra Field Marsh

Other _____

List abundant plants:

Nest in natural cavity (where old branch broke off) in Salix 16-18" circumference at nest height; total ht. ca. 12 ft. Nest cavity 8+ " deep. At timberline at Mile 231 Dalton Hwy.

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 unknown

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 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
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

ALASKA NEST RECORD CARD
University of Alaska, College, Alaska

Name and address of observer

D. D. Gibson
UA Museum

FOR OBSERVATIONS ON ONE NEST

Day	Month	No. of Eggs	No. of Young	Adult on Nest? Sex?	Time
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<i>08</i>	<i>JN</i>	<i>1+</i>	<i>∅</i>	<i>*</i>	<i>1700</i>
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BUTTERFLY FORM Y 12

BUTTERFLY BUSINESS FORMS

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♂ feeding/foraging in willow thickets up + down draw, carrying food to ♀, on nest; ♂ did not forage in spruces, below the road.

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

** ♂ feeding ♀ on nest; only 1 egg visible in nest — a timberline Boreal chickadee nest in willow!*

309 308 307 306 305 304 303 302 301

1 2 4 7 1 2 4 7 1