



IN REPLY REFER TO:

## United States Department of the Interior

IZEMBEK NATIONAL WILDLIFE REFUGE

P.O. BOX 127

COLD BAY, ALASKA 99571

(907) 532-2445

16 November 1992

Thede Tobish  
2510 Foraker Drive  
Anchorage, AK 99517

Dear Thede:

The following information for the period 01 August through 15 November 1992 (I'll be away 16 November through 19 December) is provided for your possible use in compiling the Alaska Region field notes for American Birds:

**Weather- August:** Ave. temp. 50.6°F; 0.6° below norm. Highs 50° to 64°F; lows 38° to 50°F. Measurable precipitation 21 of 31 days; trace 4 additional days. Precipitation totalled 2.86", which was 0.84" below normal. Total of 28 cloudy/3 partly cloudy/0 clear days. Winds  $\geq 25$  mph on 16 days; 40 mph on 3 days; with a peak of 58 mph on the 21st. First "termination dust" above 4000' on the 23rd, gone soon afterwards.

**September:** Ave. temp. 45.8°F; 1.7° below normal. Highs 41° to 58°F; lows 26° to 49°F. Measurable precipitation 19 of 30 days; trace 3 additional days. Precipitation 2.21", which was 1.56" below normal. Total of 23 cloudy/5 partly cloudy/2 clear days. Winds  $\geq 25$  mph on 21 days; 40 mph on 7 days; with a peak of 51 mph on the 25th. Cold Bay was the warmest reporting Alaska station at 56° on the 15th.

**October:** Ave. temp. 38.9°F; 0.6° below norm. Highs 34° to 51°F; lows 27° to 46°F. Measurable precipitation 18 of 31 days; trace 9 additional days. Precipitation totalled 2.59", which was 1.70" below normal. Snowfall recorded on 8th (0.2"), 9th (0.7"), 10th (2.1") and 21st (0.4"). Total of 29 cloudy/2 partly cloudy/0 clear days. Winds  $\geq 25$  mph on 16 days; 40 mph on 2 days; with a peak of 66 mph on the 5th. Cold Bay experienced 1.5" of snow on the 9th, was the warmest reporting Alaska station at 51°F on the 14th and 15th and 50°F on the 16th and 17th, and again experienced snow on the 21st. As most of the rest of the state began freezing up, the Cold Bay area enjoyed some rather mild autumn weather. In fact, Cold Bay was the warmest reporting station in Alaska on the 14th, 15th and 16th (51°F each). For the period 01 January-31 October Cold Bay received only 17.56" of precipitation compared to a normal of 28.12" (62% of normal), conditions considered a drought elsewhere.

**November:** Not available.

### Observations-

**Pacific Loon-** First fall bird 20 September near the Cold Bay Dock, 57 counted there 12 October and 23 were still there 11 November (FZ, MZ).

Yellow-billed Loon- First "fall" bird near the Cold Bay Dock 15 November (FZ, MZ).

Horned Grebe- First 2 fall birds vicinity Cold Bay Dock 29 September, peaked at 144 on 17 October, at least 92 remained through 11 November (MZ, FZ).

Northern Fulmar- One flew along the Bering Sea side of Neumann Island (Izembek Lagoon) 11 September, 3 were there 28 September and 1 was there 18 October (JP).

Short-tailed Shearwater- <sup>One was on the water near Round Island (Izembek Lagoon) 06 September (DW, JM).</sup> Thirty-five were near the Kudobin Islands (Nelson Lagoon) 08 September (FZ, CD), 1 was near Operl Island (Izembek Lagoon) 10 September (FZ, RS, et al), and 1 was near Neumann Island (Izembek Lagoon) 11 October (JP).

Fork-tailed Storm-Petrel- One was at Kinzarof Lagoon (Cold Bay) 04 September (FZ) and 1 was offshore of the Cold Bay Dock 26 September (FZ, MZ).

Leach's Storm-Petrel- One was over Operl Island mud flats (Izembek Lagoon) 25 September (JM).

Double-crested Cormorant- Up to 150 were at Nelson Lagoon/Kudobin Islands 08-21 September (CD, DW, MC, FZ). One was at Neumann Island (Izembek Lagoon) 21 September and singles were at the Cold Bay Dock 04 October (NC) and 17 October (FZ, MZ).

Waterfowl, Aerial Surveys:

-Izembek Lagoon, etc*:	04SEP(CD,FZ)	15SEP(CD,DW)	23SEP(CD,MC)
Tundra Swan	17	6	0
Emperor Goose	1,257	2,595	1,990
Brant	53,761	79,372	127,204
Canada Goose	5,655	15,469	29,861
Mallard	2,409	0	733
Northern Pintail	5,028	730	9,352
Greater Scaup	50	105	164
Common Eider	1	0	0
King Eider	0	0	15
Steller's Eider	24,460	25,615	23,685
Black Scoter	8	0	48
Red-breasted Merganser	316	3	262

\* St. Catherine Cove (Unimak Island), Hook Bay, Morzhovoi Bay lagoons, Izembek Lagoon, and Kinzarof Lagoon (Cold Bay).

-Nelson Lagoon:	09SEP(CD,MC)	21SEP(CD,DW)
Emperor Goose	4,943	9,330
Brant	257	0
Mallard	138	24
Northern Pintail	7,058	3,345
American Wigeon	60	0
Common Eider	630	1,264
King Eider	0	1,350
Steller's Eider	47,125	33,212
Black Scoter	8,486	8,728

Surf Scoter	131	734
White-winged Scoter	387	803
Red-breasted Merganser	530	155

Greater White-fronted Goose- One was at Nelson Lagoon 09 September (CD).

Snow Goose- Two were observed at Moffet Bay (Izembek Lagoon) 13 October (RK).

Surf Scoter- In addition to sightings at Nelson Lagoon (see above), singles were near Neumann Island (Izembek Lagoon) 22 September (NC), 01 October (NC), 07 October (JM) and 20 October (NC).

Barrow's Goldeneye- A drake was at Red Salmon Lake (Outer Marker Road) 01 November (MZ, FZ). There are only four previous records (20 December 1970, 27 April 1971, 17 April 1972 and 22 February 1984) for the area.

Northern Harrier- No summer records this year, but single migrants passed by Refuge Headquarters (Cold Bay) 03 September, 26 September and 29 September with another on the slopes of Frosty Peak (Third Creek Valley) 29 September (FZ, MZ). Singles also at Neumann Island (Izembek Lagoon) 21, 26 and 27 September and 10 October (JP), Lucky Cove (Izembek Lagoon) 19 September and Operl Island (Izembek Lagoon) 29 September (CS).

Rough-legged Hawk- Last one of the year passed by Refuge Headquarters (Cold Bay) 30 September (FZ).

Golden Eagle- At least 2 were near Frost Road (Frosty Peak) 12 September (NC). A single was between Second and Third bridges (Frosty Road) 22 October (RB, NS).

Merlin- Singles were at Neumann Island (Izembek Lagoon) 09, 12, 13 and 16 September (JP), one harassed Steller's eiders being released after banding at Cape Glazenap (Izembek Lagoon) 10 September (FZ, MC, CD, JM, et al), one was at Rambo Cove (Izembek Lagoon) 23 September (JM), and one was between Baldy Village and Izembek Lagoon 27 September (RS).

Peregrine Falcon- An adult Arctic Peregrine Falcon was carefully studied at Grant Point, Izembek Lagoon, 25 October (FZ, MZ). This is the first record of a non-pealei subspecies bird here. A completed Record Report Form is attached.

Sandhill Crane- Last two of year were at Kinzarof Lagoon (Cold Bay) 04 September (FZ).

Black-bellied Plover- One was at Outer Marker (Izembek Lagoon) 17 September (JM), five were at Dunlin Cove (Izembek Lagoon) 19 September (FZ), 1 or more were at Operl Island (Izembek Lagoon) 26, 27 and 29 September (JM), 6 were at Rescue Lake 02 October, singles were at Cold Bay 03-04 October (JM) and at Neumann Island (Izembek Lagoon) 10-12 October (JM).

Lesser Golden-Plover- Migration, which began in July, peaked in August (20 Izembek Lagoon 01 August, FZ) with the last one of the fall over Cape Glazenap (Izembek Lagoon) 19 October (JM).

Semipalmated Plover- Last of the year was 1 Izembek Lagoon 27 September (JM).

Common Greenshank- The first refuge record occurred on 27 September when Robert Schulmeister, experienced with the species in the Aleutian Islands, spotted 2 or 3 birds at a marsh between Baldy Village and Izembek Lagoon.

Greater Yellowlegs- Single migrants were at Red Salmon Lake (Izembek Lagoon), 09 August (MZ); Rambo Cove (Izembek Lagoon) 07 (JM), 10 (NC) and 13 (FZ) September; Dirk's Cove (Izembek Lagoon) 23 September and Grant Point (Izembek Lagoon) 03 October (RS). Two were at a pond near the Air Force Radar Site 15 August (JC, MC) and at a marsh between Baldy Village and Izembek Lagoon 08 October (MC).

Wandering Tattler- Two were near the Cold Bay Dock 02 September and 1 was on Russell Creek (Cold Bay) 12 September (JP).

Whimbrel- Flocks of 3 and 22 migrated over Izembek Lagoon near Operl Island 06 September (JM). One or more were heard over Operl Island 15 September and over Dirk's Cove (Izembek Lagoon) 24 September (JM).

Bristle-thighed Curlew- One was at Neumann Island (Izembek Lagoon) 21 September (NC).

Bar-tailed Godwit- A flock of 24 was at Operl Island (Izembek Lagoon) mud flats 06 September (JM), 1 was near Neumann Island (Izembek Lagoon) 11 September (JP), 1 was at Operl Island 27 September (killed by gyrfalcon, stolen by bald eagle) (JM), 1 at Neumann Island 30 September (JP), 2 at mouth of Frosty Creek (Izembek Lagoon) 10 October (JM) and 3 were roosting with brant at Operl Island 16 October (JM).

Ruddy Turnstone- Fall migration was first detected 01 August when 205 were on Izembek Lagoon (FZ, MZ), migration apparently peaked about 02 August when 500 were at Dunlin Cove (Izembek Lagoon) (FZ), and the last few were observed over Operl Island (Izembek Lagoon) and near Cold Bay 15 October (JM).

Red Knot- About 300 were flying at about 1000' over Izembek Lagoon in a SE direction 17 October (CD).

Sanderling- First observed at Operl Island (Izembek Lagoon) 06 September (JM), peaked at Neumann Island (Izembek Lagoon) during the first week of October (NC) and were last seen at Neumann Island 01 November (JP).

Semipalmated Sandpiper- Two were at Grant Point (Izembek Lagoon) on 09 August (FZ, MZ).

Western Sandpiper- Fall migration, which began in July, peaked on about 19 September (2,000 at Dunlin Cove, Izembek Lagoon), with the last few near Cold Bay 03 October (DW).

Least Sandpiper- Last observation of the year was 2 at Stapp Creek Slough (Cold Bay) 09 August.

Sharp-tailed Sandpiper- First 2 fall migrants were detected at Neumann Island (Izembek Lagoon) 10 September (JP), peaked about 11 October (21 at small Grant Point (Izembek Lagoon) inlet, MZ, FZ), with the final observation of a single bird at Applegate Cove (Izembek Lagoon) 31 October (RS).

Dunlin- Fall migration, began in July, peaked in late September (1,000 at Operl Island, Izembek Lagoon, 26 September), with the last birds observed at Neumann Island (Izembek Lagoon) 30 October (NC).

Short-billed Dowitcher- Thirty were at Izembek Lagoon 01 August, 6 at Dunlin Cove (Izembek Lagoon) 02 August, 1 there 09 August and 130 northeast of Grant Point (Izembek Lagoon) 15 August (FZ). Four were near the Applegate Trail (Izembek Lagoon) 13 September (MC), 3 near Dirk's Cove (Izembek Lagoon), 22 and 24 September (JM), 10 near Applegate Cove (Izembek Lagoon) 11 October (JM), 1 at Neumann Island (Izembek Lagoon) 19 September (NC) and 1 in the Cold Bay area 11 October (JM).

Common Snipe- Singles were between First and Second bridges (Frosty Road) 15 August, ¼ mi W of First Bridge 05 September, W of First Bridge 06 September, Refuge Headquarters (Cold Bay) 09 September and Russell Creek (Cold Bay) 12 September. Four were at Bluebill Lake 03 October, 1 at Neumann Island (Izembek Lagoon) 12-13 October, and 1 near Cold Bay 24 October (NC).

Red-necked Phalarope- Last observation of the year was 1 at Neumann Island (Izembek Lagoon) 15 October (JP).

Red Phalarope- One was at Neumann Island (Izembek Lagoon) 29 September (JP) and 1 was near Cold Bay 01 October (DW).

Pomarine Jaeger- One was at Neumann Island (Izembek Lagoon) 07 October (NC).

Glaucous Gull- First fall record was 1 at Rescue Lake 02 October (MC, FZ).

Marbled Murrelet- Singles were near the Cold Bay Dock 17 October (DW) and at Neumann Island (Izembek Lagoon) 17-19 October (NC).

Kittlitz's Murrelet- Two were near the Cold Bay Dock 08 August and 1 was in the same area on 26 September (FZ, MZ).

Ancient Murrelet- Last 1 of the year was near Neumann Island (Izembek Lagoon) 28 September (JP).

Horned Puffin- Last 2 of the year were well off of the Cold Bay Dock 07 November (FZ).

Tufted Puffin- One that died at Neumann Island (Izembek Lagoon) 24 September (JP) was the last of the year.

Short-eared Owl- Singles were along Frosty Road (1 mi E Third Bridge) 12 September (JM), at Grant Point (Izembek Lagoon) 21 September (JM), Neumann Island (Izembek Lagoon) 26 September (JP) and 17 October (JP).

Belted Kingfisher- Singles were at Russell Creek (Cold Bay) 03 September (JA, et al), 04 September, 06 September, 14 October and 19 October (FZ, MZ). Two were there 25 October (RB).

"Say's Phoebe"- See attached Sight Record Report (EP).

Bank Swallow- At least 20 nests in a colony near Trout Creek (Cold Bay) were still active 02 August, but two adults and a fledgling chick were the last in the Cold Bay area 09 August.

Black-capped Chickadee- Two appeared in alder  $\frac{1}{2}$  mi W of the First Bridge (Frosty Road) 15 August (MZ, FZ), 2 were netted/banded nearby 06 September (FZ, MZ), 4 were in alder at Baldy Village (W of Cold Bay) 04 October and 2 were in alder along Russell Creek (Cold Bay) 17 October (FZ, MC).

Red-flanked Bluetail- See attached Sight Record Report (JM).

Hermit Thrush- Difficult to detect after singing ceased, but 2 were in alder between First Bridge and Second Bridge (Frosty Road) 09 August, with 3 nearby 15 August and an adult with an immature in the same area 05 September (FZ, MZ). A fledgling was netted/banded  $\frac{1}{2}$  mi W of the First Bridge 06 September (FZ, MZ). Singles were at Neumann Island (Izembek Lagoon) 28 and 30 September (the later apparently not healthy) (JP).

Varied Thrush- One at Neumann Island (Izembek Lagoon) 21 September was found dead there 22 September (NC). The only previous refuge record was 04 June 1977.

American Pipit- Last one of the year was at Lucky Cove (Izembek Lagoon) 14 September.

Northern Shrike- First fall bird was along Frosty Road 21 September (RS).

Orange-crowned Warbler- One was in alder west of first Bridge (Frosty Road) 09 August and 2 were netted/banded nearby 06 September (FZ, MZ).

Yellow Warbler- At least 10 in alder along Frosty Road and along Russell Creek (Cold Bay) 06 September were the last of the year (FZ, MZ).

Wilson's Warbler- At least 5 in alder along Frosty Road 06 September were the last of the year (FZ, MZ).

Savannah Sparrow- Last 1 of the year was at Neumann Island (Izembek Lagoon) 17 October (JP).

Fox Sparrow- Last 1 of the year was in alder west of First Bridge (Frosty Road) 11 September (FZ, MZ).

Song Sparrow- Singles at base of Cold Bay Dock (MZ) and Refuge Headquarters 29 September (MC). Three were at the base of Cold Bay Dock 05 October, 4 were there 09 October and 10 October, 2 were there 12 October, and 5 were along the Cold Bay shore between Refuge Headquarters and the Cold Bay Dock 18 October (FZ, MZ). One was at mouth of Trout Creek (Cold

Bay) 02 November (CD). Singles were at Strawberry Point (Izembek Lagoon) 31 October (NC) and Grant Point (Izembek Lagoon) 02 November (NC, JP). Two were on a small island in northern part of Applegate Cove (Izembek Lagoon) 08 November and one was still there 09 November (NC).

Golden-crowned Sparrow- All had apparently departed by 12 September, but 2 representing a new late record for the area were in alder between First and Second bridges (Frosty Road) 09 October (FZ).

White-crowned Sparrow- Two immatures at Grant Point (Cold Bay) 09 August.

Lapland Longspur- Last for the year were at Neumann Island (Izembek Lagoon) 15 October (JP) and the Cold Bay area 17 October (JM).

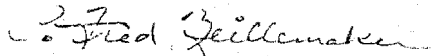
Pine Grosbeak- The third record for the year was a singing male in alder 1/2-mile W of First Bridge (Frosty Road) 09 August.

Observers- Jeff Adams (JA), Rob Barto (RB), Julie Chase (JC), Mark Chase (MC), Nate Chelgren (NC), Chris Dau (CD), Rod King (RK), Jeff Mason (JM), Eric Post (EP), Jennifer Pratt (JP), Natalie Schlichten (NS), Robert Schulmeister (RS), Dave Ward (DW), Melly Zeillemaker (MZ) and myself (FZ) including uncredited sightings.

Additional Notes- A Sight Record Report for the Buller's shearwater reported last spring is attached, as is a preliminary Izembek Refuge/Cold Bay Road System bird-finding guide (from observations along the road system only).

Attachments (5)

Sincerely



C. Fred Zeillemaker  
Refuge Manager

cc: Donna Dewhurst  
Dave Ward

CFZ/cfz:FIELDNOT.212

ALASKA SIGHT RECORD REPORT

Please fill out as accurately as possible. Include only those details of which you are certain and only those observed in the field; leave blank details not observed. Attach any additional comments or details on separate sheets. Please print clearly or type.

Species ARCTIC PEREGRINE FALCON (F.peregrinus tundrius) Date(s) 25 OCTOBER 1992

Location GRANT POINT, IZEMBEK LAGOON, IZEMBEK NATIONAL WILDLIFE REFUGE, COLD BAY

Elevation SEA LEVEL

Observer(s) C. FRED ZEILLEMAKER, MELLY ZEILLEMAKER Number of birds ONE

Time of Day 2:30 PM Light conditions BRIGHT OVERCAST

Distance to bird APPROX. 200 FEET Optical equipment B&L 30X SPOTTING SCOPE

Length of time observed FIVE MINUTES Sex UNKNOWN

Plumage (e.g., breeding) ADULT

Overall appearance/relative size

AN ADULT PEREGRINE FALCON. BIRD WAS PERCHED ON BEACH ROCK SLIGHTLY BELOW ELEVATION OF OBSERVERS. ANGLE OF VIEW WAS OVER RIGHT SHOULDER OF BIRD. IN ADDITION TO DETAILS BELOW, TAIL: "STEEL" GRAY WITH BROAD DARK GRAY SUBTERMINAL BAND AND NARROW WHITE TIP, FEET: BRIGHT YELLOW.

Bill

GRAY WITH A BRIGHT YELLOW CERE

Crown/forehead

PURE WHITE MARK IMMEDIATELY ABOVE CERE, CROWN BLACK

Nape

BLACK

Face

BLACK "TEAR" (= "WEDGE" OR "SIDEburn"), PURE WHITE AURICULAR AREA

Eye

DARK (= "BLACK") WITH NARROW LIGHT RING

Throat

CHIN AND THROAT PURE WHITE

Breast/sides

"OFF-WHITE" WITH GRAY FLECKS

Belly/flanks

NOT OBSERVED

Undertail coverts

NOT OBSERVED

Back

"STEEL" GRAY WITH SLIGHTLY DARKER HORIZONTAL BARRING

Wings

"STEEL" GRAY

Underwings

NOT OBSERVED

Rump

"STEEL" GRAY



# ALASKA SIGHT RECORD REPORT

Please fill out as accurately as possible. Include only those details of which you are certain and only those observed in the field; leave blank details not observed. Attach any additional comments or details on separate sheets. Please print clearly or type.

Species SAY'S PHOEBE (Sayornis saya) Date(s) 11 Oct. 1992  
 Location Caribou River Cabin

Observer(s) ERIC S. POST Elevation 0'  
 Time of Day 19:00 Number of birds 1  
 Distance to bird 10 meters Light conditions Low, but clear  
 Length of time observed ≈ 45 seconds Optical equipment eyes only  
 Plumage (e.g., breeding) nonbreeding? Sex \_\_\_\_\_

Overall appearance/relative size

The bird was slightly smaller than robin-size, slim with tail long relative to body length. Bill appeared short, head angular or squarish at back. It hovered for several seconds while catching moths, then perched on the cabin roof, dipping its tail repeatedly.

Bill \_\_\_\_\_

Crown/forehead \_\_\_\_\_

Nape \_\_\_\_\_

Face \_\_\_\_\_

Eye \_\_\_\_\_

Throat \_\_\_\_\_

Breast/sides \_\_\_\_\_

Belly/flanks Light cream

Undertail coverts \_\_\_\_\_

Back Dark olive/slate gray

Wings \_\_\_\_\_

Underwings Dark grey with distinct whitish or creamy patches in centers.

Rump \_\_\_\_\_

ALASKA SIGHT RECORD REPORT

Please fill out as accurately as possible. Include only those details of which you are certain and only those observed in the field; leave blank details not observed. Attach any additional comments or details on separate sheets. Please print clearly or type.

Species BULLER'S SHEARWATER Date(s) 23 MAY 1992  
Location APPROX. 14 MI/22.5 KM SE OF SEAL CAPE, UNIMAK ISLAND (OR APPROX. 18 MI/29 K SOUTH OF CAPE LUTKE, UNIMAK ISLAND) Elevation SEA LEVEL  
Observer(s) MARK A. CHASE, C. FRED ZEILLEMAKER Number of birds ONE  
Time of Day APPROX. 2:00 PM Light conditions BRIGHT  
Distance to bird APPROX. 50 FEET Optical equipment NIKON 7X35, LEITZ 10X40  
Length of time observed APPROX. 15 SECONDS Sex UNKNOWN  
Plumage (e.g., breeding) ADULT (BREEDING)

Overall appearance/relative size

A MEDIUM SIZED SHEARWATER WITH DARK "M" PATTERN ACROSS GRAY UPPER SIDE OF WINGS AND CROSSING LOWER BACK. BIRD HAD JUST CROSSED BOW OF VESSEL ("TUSTUMENA") AND WAS PROCEEDING AWAY FROM THE VESSEL AND OBSERVERS WITH ALTERNATING FLAP-GLIDE FLIGHT WHICH WAS RATHER DIRECT AS THE BIRD WAS VERY NEAR THE BOW OF THE VESSEL.

Bill

NOT OBSERVED.

Crown/forehead

BLACKISH.

Nape

BLACKISH NEAR CROWN TO GRAY LOWER DOWN.

Face

NOT CLEARLY OBSERVED.

Eye

NOT OBSERVED.

Throat

NOT OBSERVED.

Breast/sides

NOT OBSERVED.

Belly/flanks

NOT OBSERVED.

Undertail coverts

NOT OBSERVED.

Back

GRAY EXCEPT WHERE EXTENSION OF BLACK WING BARS CROSSED NEAR TRAILING EDGE OF WING.

Wings

GRAY WITH BLACKISH BAR RUNNING FROM WRIST DIAGONALLY TO TRAILING EDGE AT FIRST SECONDARY AND BLACK PRIMARIES.

Underwings

NOT OBSERVED.

Rump

BLACKISH.

# ALASKA SIGHT RECORD REPORT

Please fill out as accurately as possible. Include only those details of which you are certain and only those observed in the field; leave blank details not observed. Attach any additional comments or details on separate sheets. Please print clearly or type.

Species Red-flanked blue-tail (Tarsiger cyanurus) Date(s) 10/7/92  
 Location Newman Island, Izembek NWR North tip of I. in dune grass  
 Elevation sea level  
 Observer(s) JEFF MASON Anchorage 786-3449 Number of birds 1 (one)  
 Time of Day 1430 hrs. Light conditions good  
 Distance to bird 20-40 m. Optical equipment Leitz 10x40 binocs  
 Length of time observed 10 minutes Sex ♂  
 Plumage (e.g., breeding)

## Overall appearance/relative size

my 1<sup>st</sup> impression was the size & shape of a warbler. 1<sup>st</sup> impression of color reminded me of a bluebird. My 1<sup>st</sup> closest look <sup>20m</sup> saw a faint light eyebrow & white outer retrices. It perched on Glycos stems & flitted its tail. Short, rapid flits. No wing bars or other colors to disrupt the dark blue. Uniform blue

Bill insectivorous over wings, back, tail, nape & head. whitish underparts continued up under chin & met around to sides of neck.

Crown/forehead slate blue

Nape slate blue

Face slate blue

Eye dark

Throat white

Breast/sides white breast, yellow-gold sides

Belly/flanks white

Undertail coverts ?

Back slate blue

Wings slate blue

Underwings ?

Rump slate blue

## BIRD FINDING ON THE IZEMBEK NWR/COLD BAY ROAD SYSTEM, ALASKA, 1992

16NOV92

CFZ:CDBBIRDS.IZM

BIRD	LOC	JAN FEB MAR	APR MAY JUN	JUL AUG SEP	OCT NOV DEC
Red-throated Loon	cwn		mm		
Pacific Loon	c		m	s	oOOONNN
Common Loon	cw	j	aaaammmjjjj	jjjjaaaass	oonnnn d
Yellow-billed Loon	c	j j			n d
Horned Grebe	c	JJJJFFFFMMMM	AAAAM		oOOONNNNDDDD
Red-necked Grebe	c	jjj fm m	aa	a s	ooooNNn d d
Fork-tailed Storm-Petrel	c			s	
Double-crested cormorant	c				o
Pelagic Cormorant	c	JJJJFFFFMMMM	AAAAM m	j a assss	ooOONNNNDDDD
Tundra Swan	w		aammmjjjj	jjjjaaaasSSS	OOoonn
Grt. White-fronted Goose	i		x (05)		
Snow Goose	i				
Emperor Goose	ic	j fff mmm	aaaam	ssss	OOOONNNn
Brant	ic	jjjjffffmmmm	aaaAMMMJJjj	jjjjaaaasSSS	OOOONNNNddddd
Canada Goose	iw		mm	ssss	OOOONn
Green-winged Teal	iw		mmmmMj		oonn
Mallard	iw	jjjjffffmmmm	AAAAMMMJJjj	jjjjaaaasSSS	ooooonnnddddd
Northern Pintail	iw	j mmm	AAAAMMMJJjj	jjjjaaaassss	ooooonnn
Northern Shoveler	iw		a m		o
Gadwall	iw		mmmmjjjj	jjjjaaaassss	ooooon
American Wigeon	w			ssss	ooo
Eurasian Wigeon	iw		mmmm		nnn
Greater Scaup	iw		mMMMJJJJ	JJJJAAAASSSS	OOOOnn
Common Eider	ci	jjjjffffm	mm		ndddd
King Eider	ic	jjjjffffmmmm	aa		ndddd
Steller's Eider	ic	JJJJFFFFMMMM	AAAAMmmmm	aaaassss	ooOONNNNDDDD
Harlequin Duck	c	JJJJFFFFMMMM	AAAAMmmmm	jjjj aassss	oOOONNNNDDDD
Oldsquaw	ci	JJJJFFFFMMMM	AAAAM		ooOONNNNDDDD
Black Scoter	ciw	JJJJFFFFMMMM	AAAAMMMJJJJ	JJJjaaaassss	OOOONNNNDDDD
White-winged Scoter	ci	JJJJFFFFMMMM	AAAAMmmmmj	s	ooooNNNNDDDD
Common Goldeneye	iw	jjjjFFFFMMMM	AAAAMm		oOOONNNNddddd
Barrow's goldeneye	wp				x (01)
Bufflehead	iw	jjjjffffm	mm		oOONnnndddd
Common Merganser	wri	jjjjffffMMMM	AAAAMm		nnnnndddd
Red-breasted Merganser	ci	JJJJFFFFMMMM	AAAAMmmmmj j	assss	ooooonNndddd
Osprey	w		x (24)		
Bald Eagle	a	JJJJFFFFMMMM	AAAAMMMJJJJ	JJJJAAAASSSS	OOOONNNNDDDD
Northern Harrier	tw			ssss	
Rough-legged Hawk	tf		aammmjjjj	jjjjaaaassss	
Golden Eagle	t	f	m m		o
Merlin	t	j f m			
Peregrine Falcon	t	m	a m m	as	o o n d
Gyr Falcon	tri	mm	aa a m	j a assss	oOOONnnn d
Willow Ptarmigan	lh	jjjjffffmmmm	aaaaMMMMJJJJ	JJJJAAAASsss	ooooNnnndddd
Sandhill Crane	w		a m j	aaa	
Black-bellied Plover	in			ss	o
Lesser Golden-Plover	it		aam	jaaaassss	oo
Semipalmated Plover	eui		aamMMJJJJ	JJJjaaaa	
Greater Yellowlegs	w			jjjaa	o
Wandering Tattler	m		m		
Ruddy Turnstone	iu			aaaassss	o
Red Knot	u		x (09)		
Sanderling	c	f			
Semipalmated Sandpiper	gu			a	
Western Sandpiper	uci			JJJJAAAASsss	o
Least Sandpiper	uw		mmjjjj	jjjjaa	
		JAN FEB MAR	APR MAY JUN	JUL AUG SEP	OCT NOV DEC

BIRD	LOC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Sharp-tailed Sandpiper	iw										oooo		
Rock Sandpiper	tuic	jjjjffffmmmm			aaaAMMMJJJJ			JJJJAAAASSss			ooooonnnndddd		
Dunlin	uwg				ammmnnjjjj			jjjjAAAA			oo		
Short-billed Dowitcher	ui				mmmm			aaa					
Common Snipe	w				mmmmjjjj			j a ss			o		
Red-necked Phalarope	uw				m			jjaa					
Parasitic Jaeger	iw				mmjjjj			jjjjaaaaas					
Mew Gull	iw		ffmm		aammMMJJJJ			jjjjaaaaassss			o		
Glaucous-winged Gull	a	JJJJFFFFMMMM			AAAAMMMJJJJ			JJJJAAAASSSS			OOOONNNNDDDD		
Black-legged Kittiwake	ci				mmi			aassss			o o n		
Arctic Tern	iw				mmjjjj			jjjjaa ?					
Aleutian Tern	ic				mmjjjj			jjjjaa ?					
Common Murre	ic		f		j			as					
Pigeon Guillemot	c	JJJJFFFFMMMM			AAAAMMMJJJJ			JJJJAAAASSss			ooooonnnndddd		
Kittlitz's Murrelet	c							j a s					
Ancient Murrelet	c							s s					
Horned Puffin	c					mjjjj		jjjjaaAASss					
Snowy Owl	t		f										
Short-eared Owl	t				m								
Belted Kingfisher	w							s			ooo		
Tree Swallow	d				mjjjj			jjj					
Bank Swallow	wt				mJJJJ			JJJJAa					
Black-billed Magpie	drl	JJJJFFFFMMMM			AAAAMMMJJJJ			JJJJAAAASSSS			OOOONNNNDDDD		
Common Raven	a	JJJJFFFFMMMM			AAAAMMMJJJJ			JJJJAAAASSSS			OOOONNNNDDDD		
Black-capped Chickadee	fhv							a s			o o		
American Dipper	m				m j						n		
Hermit Thrush	h				jjjj			jjjjaaaaas					
American Robin	r				(21) x								
American Pipit	t				mMMMJJJJ			JJJJAAAASS					
Northern Shrike	tlv	jjjjffffmm								s	ooooonnnndddd		
Orange-crowned Warbler	fh							(09) x x (06)					
Yellow Warbler	lh						jjjj	JJJJAAAAAS					
Wilson's Warbler	l						j	AAAS					
Savannah Sparrow	lh				mMMMJJJJ			JJJJAAAASSss			o		
Fox Sparrow	lh				mJJJJ			JJJJAAAASS					
Song Sparrow	c												
Golden-crowned Sparrow	lh				mmmmJJJJ			JJJJAAAASS			s ooo		
White-crowned Sparrow	l				a						o		
Lapland Longspur	tn				aammMMJJJJ			JJJJAAAASSSS			o		
Snow Bunting	t	JJJJFFFFMMMM			AAAAMMMj					s	ooooonNNNDDDD		
McKay's Bunting	t	jjjjffffMMMM			AAa								
Pine Grosbeak	h				(21) x			(15)x x (09)					
Rosy Finch	c	JJJJFFFFMMMM			AAAAMmmmmjjjj			jjjjaaaa			nNNNDDDD		
Common Redpoll	lh				jjjj			JJJJAAAASSss			ooo		
"LOC"= LOCations:		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

a. Anywhere

b. Baldy Mountain Road

c. Cold Bay (incl. Cold Bay Dock)

d. Developed areas (including town and dump)

e. Gravelly areas (incl. roads)

f. Frosty Road (Frosty Peak)

g. Grant Point Road

h. High elevation alder thickets ("belt")

i. Izembek Lagoon (incl. Grant Point)

l. Low elevation alder thickets

m. Mountain streams

n. IN the air

o. Outer Marker Road

p. OutPost Road

r. Russell Creek/Hatchery

s. Salt water areas

t. Tundra areas

u. Mud flats (tidal areas)

v. Baldy Village Road

w. Wetlands (fresh water)

"JAN, FEB, MAR" etc.= JANuary, FEBruary, MARch, etc.

"jjjj, ffff, mmmm," etc.= occurs during each of 4 weekly periods January thru March

"J," etc.= easily observed, "j"= less likely to observe, "x"= accidental (with date)