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Progress Report
Brant Collaring in Alaska

by

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Blue Neck Collars

There have been a total of 209 brant neck collared with blue collars. These birds were collared on the Yukon Delta NWR during July, 1979.

We have received 33 (15.8 percent) collar resightings and/or recoveries through 1981. Of the 33 sightings 28 (85 percent) have been identified. Of these identified blue collars 71 percent were collared at the Manokinak River sight and 29 percent were collared in Kokechik Bay.

There were 149 birds (71 percent) marked at Manokinak River and 60 birds (29 percent) were marked in Kokechik Bay. This is an equal resighting rate for both banding sites.

See table 1 for a complete summary of blue collar resightings from October 1979 to February 1982.

Yellow Neck Collars

There have been a total of 393 brant collared with yellow neck collars at two different sites. The Yukon Delta NWR has neck collared 105 birds (26.7 percent), and there have been 288 (73.3 percent) collared on the Nugnugaluktuk River, Seward Peninsula.

There have been a total of 54 (13.7 percent) collared birds resighted and/or recovered. Of the 35 identified collars 31 percent were marked on the Yukon Delta and 69 percent were marked on the Seward Peninsula. This also follows closely as indicating a near equal resighting rate at each banding site.

Of the 54 resighted collars 28 (51.8 percent) were resighted in Alaska.

Five or 100 percent of neck collars identified June, 1981 to February, 1982 have been in Alaska. Of all neck collars sighted during this same period, 15 (83 percent) were in Alaska, 2 (11 percent) were seen in Washington, and 1 (6 percent) were observed in California.

Table 2 provides details of yellow collar resightings from August 1980 through February 1982.

Table 1

Blue Collars*

<u>October 1979 through May 1980</u>	<u>Number Brant Collars Identified (Shot and/or Read)</u>			<u>%</u>
Humboldt Bay, CA	12	M=9	K=3	63.1
Morro Bay, CA	1		K	5.3
San Diego River, CA	1	M		5.3
Sequin, WA	1	M		5.3
Bremerton, WA	1		K	5.3
Sugarloaf Is., AK	1		K	5.3
Izembek NWR, AK	2		K=2	10.5
	19	[M=11(58%) K=8(42%)]		100.1

No Code Identified 10/79-05/80

Humboldt Bay, CA	3			60.0
Burien, WA	1			20.0
Ocean Shores, WA	1			20.0
	5			100.0

November, 1980 through May, 1981 (Identified)

Humboldt Bay, CA	7	M=7		77.8
Victoria, B.C.	1	M		11.1
Tillamook Bay, OR	1	M		11.1
	9	(M=9)		100.0

Total Identified 28 [M=20(71%) K=8(29%)]

May, 1981 to February, 1982

(no sightings reported)

*Brant neck collared July, 1979

K=Kokechik Bay = 60

M=Manokinak River = 149

Table 2

Yellow Collars

<u>August 1980 through May, 1981</u>	<u>Number Brant Collars Identified (Shot and/or Read)</u>		<u>%</u>
Nunivak Island, AK	2 (Y=1	S=1)	6.7
Yukon Delta NWR, AK	6 (Y=6)		20.0
Kodiak NWR, AK	1	S	3.3
Sidney, B.C.	2 (Y=2)		6.7
Humboldt Bay, CA	17 (Y=2	S=15)	56.7
Morro Bay, CA	1	S	3.3
Bainbridge Is., WA	1	S	3.3
	30 [Y=11 (36.7%) S=19 (63.3%)]		100.0

No Code Identified

Morro Bay, CA	1		16.7
Kino Bay, Mexico	1		16.7
Kodiak NWR, AK	2		33.3
Izembek NWR, AK	2		33.3
	6		100.0

June, 1981 through February, 1982*

Nunivak Island, AK	1	S	20.0
Egegik, AK	1	S	20.0
Izembek NWR, AK	3	(S=3)	60.0
	5	S=5	100.0

Total Identified 35 [Y=11 (31%) S=24 (69%)]

No Code Identified

Izembek NWR, AK	7
Kodiak NWR, AK	2
Teshekpuk Lake, AK	1
Anacortes, WA	2
San Francisco Bay, CA	1
	13

Number of brant neck-collared

July-August 1980 at Yukon Delta NWR	= 105 (Y)
July-August 1980 on Seward Peninsula	= 213 (S)
**August 1981 on Seward Peninsula	= 75 (S)
Total	393

- * No reported collar sightings since October, 1981.
 **During the 1981 banding on Seward Peninsula 13 yellow collared brant were retrapped. These brant were neck collared on the Seward Peninsula.

