

Ketterson / Nolan Research Group Collection

This document is part of a collection that serves two purposes. First it is a public archive for data and documents resulting from evolutionary, ecological, and behavioral research conducted by the Ketterson-Nolan research group. The focus of the research is an abundant North American songbird, the dark-eyed junco, *Junco hyemalis*, and the primary sources of support have been the National Science Foundation and Indiana University. The research was conducted in collaboration with numerous colleagues and students, and the objective of this site is to preserve not only the published products of the research, but also to document the organization and people that led to the published findings. Second it is a repository for the works of Val Nolan Jr., who studied songbirds in addition to the junco: in particular the prairie warbler, *Dendroica discolor*. This site was originally compiled and organized by Eric Snajdr, Nicole Gerlach, and Ellen Ketterson.

Context Statement

This document was generated as part of a long-term biological research project on a songbird, the dark-eyed junco, conducted by the Ketterson/Nolan research group at Indiana University. For more information, please see IUScholarWorks (<https://scholarworks.iu.edu/dspace/handle/2022/7911>).

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NEST LOG SHEET

NEST ID: 714-26 TREATMENT GROUP: C-C
 MALE BAND #: 940-93185 DATE/STATUS WHEN FOUND: building - grass
 COLORS (R) S. O. R. S. D. K. B. I.
 COLORS (L) Yel/BLK DATE 1st EGG (indicate if backdated): 5/13/93
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 3
 IMPLANT REMOVED (Y/N), DATE: na DATE INCUBATION ONSET (indicate if bd): 5/16/93
 FEMALE BAND #: 2131 14518 EXPECTED HATCH DATE: 5/27/93
 COLORS (R) Y. O. L. T. B. I. # HATCHED, DATE: -
 COLORS (L) Wh/Ltgrn. O. S. FLEDGED/FAIL, #, DATE: fail = 128/93
 BLOOD SAMPLE # 1579
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): 714 - 0.35 mi
 LOCATION (SPECIFIC): Right bank, 100' across from flag and ^{near} w plastic in tree

DATE	TIME	INIT	STATUS
5/7/93	0725	RCT/RP	♂, ♀ flew off bank. found nest start (grass)
5/8	1437	RCT	nest complete
5/9	0722	RCT	Caught ♂ (not bled), ♀ w/lure, no tapes. no egg ♀ med. heavy - not ready to lay. ♀ produced SRS
5/11	1812	RCT	no ad. or egg
5/12	0740	RCT	no ad. or egg
5/13	1337	RCT	1 egg
5/15	1147	RCT	2 cold eggs. no ad.
5/16	0720	RCT	♀ on
5/17	0710	RCT/RP	♀ on, saw ♂ briefly. sang LRS
5/21	1420	RCT	♀ flew off nest
5/22	0745	WS	3 eggs
5/23	1408	RCT	♀ flew off nest as I drove by
	1640		
5/24	1636	RCT	♀ flew off nest as I drove by
	0849	RP	3 eggs
5/25	0700	RCT	♀ "
	0621	RCT	♀ on nest. ♂ sang < 5 LRS. Lots of trilling uphill 15-25m - may be intruders?? ^{like} "not" precop trilling but flight-trill
5/26/93	0650	RCT	replaced 3 junco eggs with cowbird eggs - to stop development. will remove ^{all} eggs for experiment soon.
5/27	0630-1300	RCT	♀ flushed off nest 3 times when I drove by.
5/28	0550		♀ did not flush off - did not land into nest
5/29	0630		all eggs cold - abandoned probably due to unhatchability of (hollow cowbird) eggs. 2 eggs - outside nest, with ♀ pushed out.
			- failed -

NEST LOG SHEET

NEST ID: 714-27 TREATMENT GROUP: C-C
 MALE BAND #: 940-93527 DATE/STATUS WHEN FOUND: lined nest
 COLORS (R) DK Bl o S
 CDLORS (L) 2 DK Bl / Red DATE 1st EGG (indicate if backdated): 5/4/93 bd
 BLOOD SAMPLE # 1145 (1992) # EGGS LAID (indicate if uncertain): ?
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): ?
 FEMALE BAND #: 940-93637 EXPECTED HATCH DATE: x
 COLORS (R) wh / Lt bl # HATCHED, DATE: x
 COLORS (L) S o Blk / Yel FLEDGED/FAIL, #, DATE: fail 5/8/93
 BLOOD SAMPLE # 1997
 FEMALE STAYED/LEFT, DATE: stayed
 LOCATION (GENERAL): 0.4 mi from road
 LOCATION (SPECIFIC): tree fall 75 m uphill from road, above bait pile; in pit

DATE	TIME	INIT	STATUS
4/13/93	9m	RCT	pair at bait pile - later nest site nearby (not seen) ^{18,} pair together in hemlock pair. 51 m apart for much of 15 min. focal obs. lined nest found uphill.
4/26/93	1501	RCT	
5/2/93	1827	RCT	
5/5/93	0805	RCT	♀ flushed off 2 eggs
5/6/93	1024	RCT, RP	3 eggs
5/8/93	1145	RCT	♀ flushed off 0 eggs - failed recently I presume. ♀ did not chip
			<u>failed naturally</u>
5/9	1625-1700	RCT	pair uphill @ 0.55 mi. ♂ sing SRS, LRS, QLR, PS. Other juncos did not interact with pair.
5/17	0741	RCT RP, CA	♂ forage, sings 4 x, bait pile 0.4 mi. ♀ not seen
5/15	1140	RCT	♂ sang QLR at 0.4 mi; both later flew downhill
5/24	1640	RCT	♀ forage on rd 10-30 m N of bait pile then flew into woods downhill ~ 0.45 mi. ♂ x seen
↑ 5/24	0754	RP	27 LRS heard from 2 ♂♂

NEST LOG SHEET

NEST ID: 714-27R TREATMENT GROUP: _____
 MALE BAND #: 940-93527 DATE/STATUS WHEN FOUND: ♀ flushed off
5 eggs 6/24/93
 COLORS (R) DK Bl o S DATE 1st EGG (indicate if backdated): 6/14 bd
 COLORS (L) 2 DK Bl / Red # EGGS LAID (indicate if uncertain): 5
 BLOOD SAMPLE # 1145 (1992) DATE INCUBATION ONSET (indicate if bd): 6/17 bd
 IMPLANT REMOVED (Y/N), DATE: n/a EXPECTED HATCH DATE: _____
 FEMALE BAND #: 940-93637 # HATCHED, DATE: 5, 6/29/93
 COLORS (A) wh/Lt bl FLEDGED/FAIL, #, DATE: fledged
 COLORS (L) 50 Blk/yel
 BLOOD SAMPLE # 1997
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 0.5 mi from 613
 LOCATION (SPECIFIC): Right bank 1/3 way up, dense area ~ 30m before curve left

DATE	TIME	INIT	STATUS
6/24/93		RCT	♀ flushed off 5 Junco eggs. [This is probably a re-nest after a successful nest, as I saw family here ~10 days ago, but was unable to id. them (flew away).] ♀ bands seen today - wh/lt bl is uniform in appearance
6/28	0719	RP	♀ flushed off 5 eggs
6/30	1600	RCT,TK	measured 5 yg - day 1
7/6	1100±	RP	banded + bled 5 large nestlings. 2 Ad. seen but sun makes difficult to read bands.
7/7	0945	RP, RT, JO	Both ad. chip above nest. ♂ bands seen. yg in nest.
7/9	1530	UNEK	Caught both, bled both, only ♀ for DNA.
7/16	0700	RCT RT, JO	♀ id ^d chipping, feeding 2+ fledglings above + to N of nest

NEST LOG SHEET

NEST ID: 714-28 TREATMENT GROUP: C-C
 MALE BAND #: 2000 94511 DATE/STATUS WHEN FOUND: 1 egg
 COLORS (R) R o S o W
 COLORS (L) 2 Yel DATE 1st EGG (indicate if backdated): 5/2/93
 BLOOD SAMPLE # 1583, 1614 # EGGS LAID (indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): 5/5
 FEMALE BAND #: 2131 140504 EXPECTED HATCH DATE: 5/16/93
 COLORS (R) W o R # HATCHED, DATE: 5/16/93 (4)
 COLORS (L) wh/ltgrn o S FLEDGED/FAIL, #, DATE: 5/28 fledged
 BLOOD SAMPLE # 1601
 FEMALE STAYED/LEFT, DATE: stayed
 LOCATION (GENERAL): 714 0.6 mi from 613
 LOCATION (SPECIFIC): only treefall in area uphill, ~10m before bait pile

DATE	TIME	INIT	STATUS
4/9/92	0907	RCT	♂ associating with unbanded ♀ downhill from bait pile
4/14-30/93	-	RCT	♂ continues to associate w/ UB ♀
5/2	0700	RCT, WSS, CA	found nest in first treefall uphill. 1 egg. no ad. ♂, ♀ < 1 m apart at one point
5/5	1745	RCT	4 eggs in nest
5/6	0800	RCT	♂ ♀ forage together
5/8	1500	RCT	UB ♀ flushed off 4 eggs
5/9	1210	RCT	♀ on nest ♂ not observed.
5/10	1215	RCT	♀ on nest, ♂ sing LRS
5/11	0837	RCT	♀ not on, 4 eggs; ♂ caught in Potter trap w/lure, bled
5/12	-	RCT	adults by road
5/13	1530	RCT	♀ ♂ flushed from W side of road - interact w/ ♀ org - r 5 o 4 grn - L - see focal watch
5/13	1618	RCT	♀ on
5/14	1030	RCT	♀ on
5/16	0807	RCT	♀ on. flushed off 3 nestlings, 1 egg. ♂ came in for < 30 sec. ♀ chipped closeby, to N.
5/16	1405	RCT MHC	♀ was on. measured 4 nestlings ♀ chip to S low.
[↑ 4/23	1000	RCT	a start with outlets found 0.65 mi - not used for 1st nest - 5/19 RCT]
5/20	1145	RCT/MHC	♂ recaptured, bled, using lure to catch.
5/22	1500	LC	Banded and bled 4 nestlings
5/23	-	RCT	yg in nest. adult (♂) chip 5m from nest.
5/25	0655	RCT	♂? forage on road by bait pile
5/27	0919	RCT	2 ad. chip by nest. Can see yg. in nest but cant count.
5/28	am		yg have fledged - nest messed up - droppings outside
6/8	am	R/RCT	♀ fledged below rd w/ parents
6/9	am		3-4 fledges (2 caught and held) by old nest. ♂ fed occasionally. ♀ on new
6/16	pm	RCT	Caught remaining 2 fledges - held at MLBS until further notice. nest mostly ♂ hat suns LRS by fledges. ♀ not feeding them.

NEST LOG SHEET

NEST ID: 714-28II TREATMENT GROUP: C-C
 MALE BAND #: 2000 94511 DATE/STATUS WHEN FOUND: 6/9/93 ♀ on 4 eggs
 COLORS (R) R o S o W 6/14
 COLORS (L) 2Yel DATE 1st EGG (indicate if backdated): ~~6/7~~ bd
 BLOOD SAMPLE # 1583, 1614 # EGGS LAID (indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): 6/7/93 bd
 FEMALE BAND #: 2131 148501 EXPECTED HATCH DATE: c. 6/21
 COLORS (R) W o R # HATCHED, DATE: 6/19/93
 COLORS (L) W / #grn o S FLEDGED/FAIL, #, DATE: failed 6/23/93
 BLOOD SAMPLE # 1601 (naturally depredated)
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 0.6 miles from 613
 LOCATION (SPECIFIC): right bank, low: flag opposite

DATE	TIME	INIT	STATUS
6/9/93		RCT,RP	While identifying juvs above, ♀ was flushed off. I believe this is day 1 of incubation for 2 reasons 1) yesterday ♀ spent alot of time feeding young 150m away from nest, today not seen to feed yg in 1/2 hrs. 2) yesterday walked by this very spot and did not flush ♀.
6/10	1150 S 0730	RP, RCT JO RCT	♀ flushed off [Caught remaining 2 fledges + held at MLBS] " 4 eggs.
6/16	1001	RP	4 eggs. ♀ flushed
6/17	2015	RCT	4 eggs ♀ flushed
6/19	0735	RCT, CA	Buckle ♀ flushed off 3 day 0, 1 egg.
6/21	0851	RCT	♀ flew off nest
6/23	0740	RP, JAH	nest failed half eaten nestling left and several adult feathers around nest
6/24	0716 0731	RP	no songs heard here
6/28	0740	RCT	not heard or seen during point counts
6/30	pm	RCT, TR	looked for nest 20 min - no j. seen
7/5	am	RCT	looked for nest. ♂ sing uphill from last nest.

"NO KNOWN NEST" BIRDS

TREATMENT GROUP C-C STATUS _____

LOCATION 714 0.75 miles

DATE FOUND 4/13/93+ STATUS WHEN FOUND paired

FEMALE:

BAND # UB

COLORS _____

MALE:

BAND # UB

COLORS _____

<u>DATE</u>	<u>COMMENTS</u>
4/13/93 1607	2 unbanded at bait pile
4/14 1523	in brush by bait pile
5/13 1552	UB ♂ singing SR S mixed quiet LR, very rapid like ♀ @ 0.35 2 days ago don't see mate (UB ♀). Have looked extensively for nest - no success.
5/28 0950 [±]	WDS reports ♂ singing ^{LRS} at ~ 0.8 miles, not 0.95 ♂ (also seen)
6/2 0740	RET et al. ♂ singing just w of previous bait pile.
6/9	not seen or heard since 6/2.
c. 7/2	RP hears LRS in area.

NEST LOG SHEET

NEST ID: 714-29 TREATMENT GROUP: C-C
 MALE BAND #: 2101 06101 DATE/STATUS WHEN FOUND: 4/19/93 depression
 COLORS (R) DK Bl o S
 COLORS (L) 2 Ltgrn/Wh DATE 1st EGG (indicate if backdated): 4/29/93
 BLOOD SAMPLE # 1612 # EGGS LAID (indicate if uncertain): 5
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 5/3/93
 FEMALE BAND #: 2131-14509 EXPECTED HATCH DATE: 5/15/93
 COLORS (R) Yel o Blk # HATCHED, DATE: 5/16/93 (4)
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: fledged 5/28, 4?
 BLOOD SAMPLE # 1611
 FEMALE STAYED/LEFT, DATE: stayed
 LOCATION (GENERAL): 0.95 mile from 613 @Pacer's Gap
 LOCATION (SPECIFIC): R bank opposite steep truck cuts (parking area). under fallen stick/rod

no reason to suspect 24

DATE	TIME	INIT	STATUS
4/17	0738	RCT	pair at bait pile
4/19	0743	RCT, wss	pair foraging together
4/23	1023	RCT	complete nest w/ deer hair
4/24	1031	RCT	♂ (2 Ltgrn/wh) associated w/ UB ♀ during focal observation
4/26	1556	RCT	nest a little wet, no eggs
4/27	1917	RCT	pair interacted with 714-30 pair
4/28	1030	RCT	no eggs. Banded ♀ (caught in Patten trap - no lure) ♂ almost caught
4/29	0740	RCT wss, CA	1 egg
5/2	0739	RCT	3 eggs
5/3	0743	RCT	♂ fought with 2 Lav Blk (30 ♂). ♀ did pre-cop display during fight.
	0836	RCT	4 eggs ♀ not on
5/5	0829	RCT	♀ on nest
5/6	0906	RCT	5 eggs ♀ off
5/7	0806	RCT	♀ at 0.7 mi bait pile
5/8	1505	RCT	♀ on nest
5/9	1227	RCT	♀ on nest
5/10	0900	RCT	♀ on nest, 5 eggs seen later
5/11	0830	RCT	♀ off, 5 eggs
5/12	0924	RCT	♀ on
5/13	1628	RCT	♀ on
5/13	1649	RCT	♀ off, 5 eggs
5/14	0720	RCT	♀ on, not flushed
5/15	1922	RCT	♀ on
	1936	RCT	♀ off, 5 eggs
5/16	0814	RCT	♀ on
	1424	RCT	♀ flushed, 2 hatched, 3 eggs.
5/17	1116	RCT, CA RP	♀ on, 4 yg + 1 egg <u>0859</u> ♂ sit above nest; ♀ on nest
	1316	RCT, RP	measured 4 yg; ♀ was on nest, chipped low overhead. still one egg
5/18	1000-1035	VN, ES	Caught ♂ ♀ at nest. RCT bled <u>1015</u> - 4 yg 1 egg in nest ♀ not on
	1145	RCT, RP	♀ back on nest

NEST LOG SHEET

NEST ID: 714-29

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DATE	TIME	INIT	STATUS	INIT
5/20	1414	RCT	♀ not on; 4 yg + 1 egg. Adult chip.	
5/20	0807	RCT	♀ on nest	
5/22	0804	RCT	4 yg; 2 adults chipping by nest	
5/22	1530	LC	Banded 4 and bled 3 nestlings	
5/23	1157	RCT	4 yg. in nest. adult chip above. <u>CRUT</u> fight 12 m from nest, between 2 ltu/blk and 2 ltu/r/w ♂♂	
5/24	0840	RP	♀ flew off nest, later came back w/ food	
5/24	1830	RCT	bled Ltbl and Yel/BLK nestlings (too small on 5/22). 2 other yg. in nest also.	
5/25	0640	RCT	ad. chip lightly by nest but I did not look in.	
5/26	1153		♂ w/ food, moving toward nest; ♀ chip later by nest.	
	1034		4 yg. in nest	
5/28	0815	WSS	SRS. QLR given by ♂ near nest. Noted yg in nest but could not approach closely to count them.	
5/29	0808	RCT	nest fledged - droppings noted on edge.	
5/30	-		adults chipping 10-20 m S of nest, fledges nearby undoubtedly	

NEST LOG SHEET

NEST ID: 714-29II

TREATMENT GROUP: C-C

MALE BAND #: 2101 06101

DATE/STATUS WHEN FOUND: ♀ flushed off 6 eggs
6/10/93

COLORS (R) DKB1 05

COLORS (L) 2 Ltgrn / Wh

DATE 1st EGG (indicate if backdated): — bd = 6/5

BLOOD SAMPLE # 1612

EGGS LAID (Indicate if uncertain): 6!

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (indicate if bd): ≤ 6/10/93

FEMALE BAND #: 2131-14509

EXPECTED HATCH DATE: —

COLORS (R) Yel 0 B1K

HATCHED, DATE: — (0)

COLORS (L) Wh / Ltgrn 0 S

FLEDGED/FAIL, #, DATE: fail 6/15/93

BLOOD SAMPLE # 1611

FEMALE STAYED/LEFT, DATE: stayed

LOCATION (GENERAL): start of curve @ rd. 95 miles, just before Pacer's Gap

LOCATION (SPECIFIC): large treefall in wet Rhododendron area to W of rd 10 m.
In grass growing from middle of treefall, ~ 12m up

DATE	TIME	INIT	STATUS
6/10/93	1940	RCT	♀ flushed off 6 junco eggs. examined to determine that they were all junco eggs. all look similar - appear to be from this ♀ only
6/12			♂ same LRS ~ 50m from nest (2 types) ♀ on
6/15			nest empty. lining a little messy. Both adults later seen feeding 2+ fledglings from previous nest, ~ 75' w of I nest.
			— failed —

NEST LOG SHEET

NEST ID: 714-29II R TREATMENT GROUP: CC
 MALE BAND #: 2101 06101 DATE/STATUS WHEN FOUND: 3 eggs
6/21/93
 COLORS (R) OKBI o S
 COLORS (L) 2 Ltgrn / Wh DATE 1st EGG (indicate if backdated): 6/19/93 bd
 BLOOD SAMPLE # 1611 # EGGS LAID (indicate if uncertain): 5
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 6/20/93
 FEMALE BAND #: 2131-14509 EXPECTED HATCH DATE: 7/1/93
 COLORS (R) Yel o BIK # HATCHED, DATE: 1 / 93
 COLORS (L) Wh / Ltgrn o S FLEDGED/FAIL, #, DATE: failed 7/9
 BLOOD SAMPLE # 1611
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): .85mi 75m N of start of orchard

LOCATION (SPECIFIC): _____

DATE	TIME	INIT	STATUS
6/21/93	0914	RCT	Found 3 eggs and ♀ chipping
6/24	0738	RP	eggs
7/5		RCT, RP, DE	measured 2 yg to check age - \bar{x} mass = 3.75 (day 2) ♀ chipping above nest. 5 young.
7/9		RCT	no eggs or young failed

NEST LOG SHEET

NEST ID: 714-30 TREATMENT GROUP: CC
 MALE BAND #: 940-93555 DATE/STATUS WHEN FOUND: lined, no eggs
 COLORS (R) DKBl o S
 COLORS (L) 2 Lav / Blk DATE 1st EGG (indicate if backdated): bd
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): ?
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): bd
 FEMALE BAND #: 2131-14505 EXPECTED HATCH DATE: -
 COLORS (R) Lt Bl # HATCHED, DATE: bd
 COLORS (L) w/Ltgrn o S FLEDGED/FAIL, #, DATE: fledged ~6/29
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.0 mi
 LOCATION (SPECIFIC): 110 running paces from gate past(N) of parking lot, along S bank

DATE	TIME	INIT	STATUS
4/11-5/13/93	-	RCT	pair associate during focal obs ^{ns} , seen many times in area together (4/14, 16, 17)
5/14/93	0804	RCT	nest found. ♂ singing around (on 2 sides) of nest.
5/16/93	1000	RCT	pair foraging by road: had "fight" w/ 714-31 pair (♂ only involved as far as I could tell).
5/20/93	1410	RCT	no eggs in nest.
5/23/93	0907	RCT	♂ fight with 29 ♂, 15-20m from nest of latter.
5/24/93	0830	RCT	no eggs - think this is abandoned
			- abandoned (or failed) _____
5/27	0925	RP, RCT	♂ LRS briefly past gate to abandoned nest
6/10	am	RP, RCT 50	nest still empty - looked up both sides to w in last 2 days - no nest. Also checked 2 tree falls.
6/13, 14			no nest Nest w/ young found (714-301)
			- banded + bled, 4 nestlings. bled both adults
			- fledged
6/21			4 y5
6/23		RCT	4 y5
6/27			4 y5 banded July 7

NEST LOG SHEET

NEST ID: 714-31 TREATMENT GROUP: C-C
 MALE BAND #: 2131-14501 DATE/STATUS WHEN FOUND: 4/24/93 moss and
 COLORS (R) Wh/Ltgrn o S twigs
 COLORS (L) Red DATE 1st EGG (indicate if backdated): 5/8/93
 BLOOD SAMPLE # 1443 # EGGS LAID (indicate if uncertain): 3
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): 5/10
 FEMALE BAND #: 2131-14502 EXPECTED HATCH DATE: 5/22
 COLORS (R) Y # HATCHED, DATE: X
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: failed experimentally 5/22
 BLOOD SAMPLE # 1444 3 eggs
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.1^s mi from 613
 LOCATION (SPECIFIC): E (right) bank high up under branch; conspicuous

DATE	TIME	INIT	STATUS
4/14/93	0846 0910	RCT	♂♀ caught at 1.2 net 4/12 1032 ♂ banded at 1.2 mi
4/16-23	-	RCT	♂♀ seen ~ 1-1 mi.
4/24	1106	RCT	substantial nest located.
4/26	-	RCT	not finished - lacks grass on other lining 4/27 ♂ interacts w/ 1.25 pair
4/29	1101	RCT	♂ flew to ≤ 1m from nest; ♀ flew into nest
5/3	-	RCT	no eggs. focal male watch
5/5	-	RCT	nest lined. ♂ sings LRS interactively with other ♀. 5/6 no egg; ♂ LRS
5/6	1710	RCT	1 egg. 5/10 pair forage 0-3 m apart. ♂ sing 2LR later.
5/11	1900	RCT	3 eggs. ♀ was on.
5/12	0929	RCT	1 not on
4/27	1200	RCT	fmw ♀ paired not seen (interactive with 1.25 pair)
5/13	1702	RCT	♀ on
5/14	0809	RCT	♀ on
5/15	1710	RCT	♀ on
	1730	RCT	♂♀ forage at 1.2 mi
	1919	RCT	♀ on
5/16	0823	RCT	♀ at 1.2 mi. ♂ focal watch
	0843	RCT	♀ on
	1445	RCT	♀ on
5/17	0845	RCT	♂♀ chip above nest
5/21	-	RCT	♀ on
5/22	0810	WSS	3 eggs
	1440	RCT	3 eggs. ♀ flushed off, chips. Removed eggs for song experiment.
5/23	1145	RCT	pair at 1.2 bait pile, then flushed from weeds close together.
5/24	0850	RCT	♂ sang SRS above road. Later ♀ chipping above nest start - see log 31R

— failed, experimentally —

NEST LOG SHEET

NEST ID: 714-31R TREATMENT GROUP: GC
 MALE BAND #: 2131-14501 DATE/STATUS WHEN FOUND: cup of moss
 COLORS (R) Wh/Ltgrn + S and grass
 COLORS (L) Red DATE 1st EGG (indicate if backdated): 5/28/93
 BLOOD SAMPLE # 1443 # EGGS LAID (indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): 5/31/93
 FEMALE BAND #: 2131-14502 EXPECTED HATCH DATE: 6/11/93
 COLORS (R) Y # HATCHED, DATE: _____
 COLORS (L) Wh/Ltgrn + S FLEDGED/FAIL, #, DATE: 4 fledged, 6/
 BLOOD SAMPLE # 1444
 FEMALE STAYED/LEFT, DATE: stayed

LOCATION (GENERAL): 1.05 mi
 LOCATION (SPECIFIC): E bank about 30 m N of L.O pull off (Pacer's Gap) under rock.
low in bank

DATE	TIME	INIT	STATUS
5/24	0850	RCT	grassy cup w/ moss outside. ♀ (idied) chips above.
5/25	0642	RCT	♀ flew up from well shaped grassy cup. ♂ sing LRS, QLR (1/2 f. ♂ watch, then rain)
↑ 5/24	1743	RCT	"flight trills" to W, but no songs heard in 15 min.
5/26	1015	RCT	nest lined with hair
5/27	0825	RCT	nest completely lined, ready for an egg!
5/28	0	RP	♂ QLR (2 typed) . 1 egg
6/1	0717	RCT	4 eggs - ♀ flushed off
6/4	1410	RCT, SFBike	♀ on
6/10	75656	RCT	♀ on nest
6/17	0746	RCT	4 young observed
6/21	0826	R.P.	4 young, chipping off and on
6/22	0748	RCT	nd. chipping
6/23	0831	BAH	fledged.

NEST LOG SHEET

NEST ID: 714-31R II TREATMENT GROUP: CC
 MALE BAND #: 2131 14501 DATE/STATUS WHEN FOUND: 7.7.93 4 eggs
 COLORS (R) Wh/Ltgrn o S
 COLORS (L) Red DATE 1st EGG (Indicate if backdated): 7/1 bd
 BLOOD SAMPLE # 1443 # EGGS LAID (Indicate if uncertain): _____
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (Indicate if bd): _____
 FEMALE BAND #: 2131-1450 2 EXPECTED HATCH DATE: - (4)
 COLORS (R) Yel # HATCHED, DATE: 4 7/13/93 bd
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # 1444
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.15 mi from 613
 LOCATION (SPECIFIC): hill past Pitzer's Gap, almost to low spot (1.2 miles ^{which is} right bank well hidden flag opposite

DATE	TIME	INIT	STATUS
7.7.93	0920	RCT	♀ flushed off nest by stick method. 4 junco eggs. ♀ chipped alot, Y band seen.
7/	1200	RCT	♂ ided (color bands) w/ ♀ chip by nest
7/16	0820	RCT JD, RP	♀ not on. 4 yg. day 3.
7/19	PM	LC	4 nestlings Banded & Bled ~ Day 6
7/24 (~7/25)		LC	active fledged?)

NEST LOG SHEET

NEST ID: 714-32 TREATMENT GROUP: C-C
 MALE BAND #: 940-93815 DATE/STATUS WHEN FOUND: 4 eggs
 COLORS (R) DKB105
 COLORS (L) 2 org/W DATE 1st EGG (indicate if backdated): 5/10 bd
 BLOOD SAMPLE # 1447 # EGGS LAID (indicate if uncertain): 4 0 1
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): _____
 FEMALE BAND #: 940-93822 EXPECTED HATCH DATE: _____
 COLORS (R) Red 0 W # HATCHED, DATE: 5/24/93
 COLORS (L) DKB105 FLEDGED/FAIL, #, DATE: 5 - 12/5/93 ✓
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1-4
 LOCATION (SPECIFIC): ~50 m² in from green gate, left bank of road to camp

DATE	TIME	INIT	STATUS
4/13/93	1836	RCT	This pair forage by road, chipped then flew w into woods
5/5/93	1740	RCT	pair at bait pile.
5/12	1030?	RCTRP	♂ ♀ "fight" with 2 wh ♂. ♀ SRS syllables, not full song. ♂ later chases 2w.
5/20/93	1120	RCT	♀ flushed off 4 eggs, chipped across road
5/24/93	1709	RCT	3 yg, 1 egg. no adults
5/27	0749	RP	3 junco's fight by bait pile but don't know id? <u>100%</u> ad. chip by nest
5/26	1137	RCT	♀ flew off nest; 4 yg. <u>Org/w</u> ♂ came in chipping almost immediately
5/30	0900	RCTES	banded and bled 4 young (incl. one runt)
6/10	1125	RCT, RP	♂ ♀ (id ♀) by green gate w/ 1+ fledge
6/24	0900	RCT	♂ <u>(prob. misid)</u> singing WS by last nest (↑)

NEST LOG SHEET

NEST ID: 714-32II TREATMENT GROUP: CC
 MALE BAND #: 940-93815 DATE/STATUS WHEN FOUND: 6/27/93 4 2 day
 COLORS (R) DK B1 o S old young
 COLORS (L) 2 Org/Wh DATE 1st EGG (indicate if backdated): ~6/10 bd
 BLOOD SAMPLE # 1447 # EGGS LAID (Indicate if uncertain): 4?
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): bd
 FEMALE BAND #: 940-93822 EXPECTED HATCH DATE: —
 COLORS (R) Red o Wh # HATCHED, DATE: 4? 6/25/93
 COLORS (L) DB1 o S FLEDGED/FAIL, #, DATE: failed (experimentally)
 BLOOD SAMPLE # _____ 4, 7/11
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.4 93 steps in from green gate
 LOCATION (SPECIFIC): right side under sticks on edge of cutout

DATE	TIME	INIT	STATUS
6/27/93	0755	RCT	♂ chipping, identified above nest. ♀ flushed off - bands identified
6/29		RCT	♀ flew off, ♂ chipping above 4 yg. still look small - day 5 ± 1/2
6/30			heard 1 chip but did not go down road to look into nest.
7/1		RCT	moved yg.
7/3		RCT	♀ (bands seen) chipped 6-8x by green gate. ♂ sang a few LRS to W.

NEST LOG SHEET

NEST ID: 714-32 II R

TREATMENT GROUP: C-C

MALE BAND #:

DATE/STATUS WHEN FOUND: 7/6/93 grassy cup

COLORS (R) DK Bl o S

DATE 1st EGG (Indicate if backdated): 7/7/93

COLORS (L) 2 Org / Wh

EGGS LAID (Indicate if uncertain): 3

BLOOD SAMPLE #

DATE INCUBATION ONSET (Indicate if bd):

IMPLANT REMOVED (Y/N), DATE: n/a

EXPECTED HATCH DATE: (3)

FEMALE BAND #:

COLORS (R) Red o Wh

HATCHED, DATE:

COLORS (L) DK Bl o S

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): green gate, 1.4 miles

LOCATION (SPECIFIC): ~5 m in from left post, under striped maple sapling on ground

DATE	TIME	INIT	STATUS
7/6/93	0900	DE	♀ flew off nest - no eggs. ♀ had been chipping here last 2 days.
7/7		RP, JO	1 egg
7/8			2 eggs
7/10			3 eggs
7/16			♀ on
7/19			♀ on 3 eggs
7/22			♀ on 3 ~ Day 0 nestlings

NEST LOG SHEET

NEST ID: 714-32a (sic) TREATMENT GROUP: C-C
 MALE BAND #: 940-93815 DATE/STATUS WHEN FOUND: -
 COLORS (R) DKB10 S
 COLORS (L) 20rsfw DATE 1st EGG (Indicate if backdated): -
 BLOOD SAMPLE # 1447 # EGGS LAID (Indicate if uncertain): -
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (Indicate if bd): -
 FEMALE BAND #: 2131-14504 EXPECTED HATCH DATE: -
 COLORS (R) ltgrn # HATCHED, DATE: -
 COLORS (L) w/ltgrn 0 S FLEDGED/FAIL, #, DATE: -
 BLOOD SAMPLE # 1446
 FEMALE STAYED/LEFT, DATE: -
 LOCATION (GENERAL): 1.4
 LOCATION (SPECIFIC): not found yet *

DATE	TIME	INIT	STATUS
4/13/93	1836	RCT	♂ at bait w/ Row ♀ (see 714-32b sheet)
4/14	1000	RCT	♂ recap @ 1.4
	1149		♀ banded.
4/20	1605		is UB ♀ mate? hard to tell. 2w here also
4/23	1120		3 starts on E bank could belong to these ^{32a} or to # ^{1.35} pair.
4/29	1110		♂, ♀ < 1 m apart (f ♂ watch)
5/3	1040		♂ at 1.48 fighting with UB (later 33) ♂
	1146		" 1.4 0-1 m from this ♀.
5/5	-		no nest progress
5/2	0727		♂ w/ ltgrn ♀
5/11	1035		♀ w/ ♂ from 1.35
5/16	0925-0935		ltgrn ♀ at bait
5/28			ltgrn ♂ nest 1.38 mi - will determine social mate 5/29, hopefully

5/28/93
 may not
 be pair
 waiting
 at
 714-46

* These birds may have been paired at one time, but not during any actual nesting attempts -

RCT
 6/30/93

NEST LOG SHEET

NEST ID: 714-33 TREATMENT GROUP: C-C

MALE BAND #: 2131-14520 ✓ DATE/STATUS WHEN FOUND: 5/6

COLORS (R) W/Ltgrn OS ✓

COLORS (L) Ltbl O Blk ✓ DATE 1st EGG (indicate if backdated): 5/13/93

BLOOD SAMPLE # 1581 ✓ # EGGS LAID (indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 5/16

FEMALE BAND #: 2131-14519 EXPECTED HATCH DATE: X

COLORS (R) Yo Ltgrn # HATCHED, DATE: X depredated naturally

COLORS (L) W/Ltgrn OS FLEDGED/FAIL, #, DATE: failed 5/23 4 eggs

BLOOD SAMPLE # 1580

FEMALE STAYED/LEFT, DATE: stayed

LOCATION (GENERAL): 1.5

LOCATION (SPECIFIC): E bank, prominent mound. 1/2 way up.

DATE	TIME	INIT	STATUS
4/10/93	-	RCT	start noted (later used as nest)
5/6/93	1145	RCT	pair adding rootlets to same start →. Long delay!
5/7	1140		♂ LRS
5/8	1525		nest lined - a little messy
5/10	0716	WSS	f♂ watch 1QLR, 2 LRS
	0805	RCT/CA	lined nest. banded pair.
5/11	-	RCT	lined nest
5/12	1045	RCT	♂ seen.
5/13	1723	RCT	1 egg. no adults.
5/16	0903		f on. ♂ chip. Later fight w/20rg/wh, who's mate gave precop. trill during fight
	0915		4 eggs (f off)
	1126		f flew off nest
5/17	1110		f on nest
5/21	1501		f on
5/22	1600 ⁺		f on
5/23	1122		nest ripped out of bank. no shell or adults.

failed naturally

NEST LOG SHEET

NEST ID: 714-33R

TREATMENT GROUP: C-C

MALE BAND #: 2131-14520

DATE/STATUS WHEN FOUND: Start 1 egg

COLORS (R) W/Ltgrn o S

5/24/93 5/29

COLORS (L) Lt bl o Blk

DATE 1st EGG (indicate if backdated): 5/29/93

BLOOD SAMPLE # 1581

EGGS LAID (indicate if uncertain): 5

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (indicate if bd): 6/1/93

FEMALE BAND #: 2131 14519

EXPECTED HATCH DATE: 6/13/93

COLORS (R) Yel o Ltgrn

HATCHED, DATE: 5, 6/12/93

COLORS (L) Wh/Ltgrn o S

FLEDGED/FAIL, #, DATE: failed 6/19/93 (5yg.)
(naturally)

BLOOD SAMPLE # 1580

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.5 mi

LOCATION (SPECIFIC): E bank between 2 large 3m long sticks. E bank close to
previous active nest. flag on stick opposit.
fairly low on bank.

DATE	TIME	INIT	STATUS
5/24/93	1135	RCT	♂♀ (& w/grass) by new start on bank. 1145 ♂ watch
5/25	1126	RP	junco with nesting material flew into start.
5/26-28	-	RCT, RP	not much progress - look for another re-nest.
5/29	1124	RCT	found "real" nest, 4.5 m S of depredated nest. 1 egg. no adults here.
6/1			4 eggs
6/4			♀ flushed off 5 eggs, all junco
6/10	1825	RCT	♀ on
6/16	1042	RP, RCT	Measured 5 nestlings. ♀ was on between measurements (after 1st nestlings removed)
6/19	0845	RCT CA Breake	nest predated. lining a little messy.
			failed

NEST LOG SHEET

NEST ID: 714-33R2 TREATMENT GROUP: CC
 MALE BAND #: 2131-14520 DATE/STATUS WHEN FOUND: 6/19
 COLORS (R) Wh/Ltgrn o S
 COLORS (L) Ltbl o BK DATE 1st EGG (Indicate if backdated): _____
 BLOOD SAMPLE # 1581 # EGGS LAID (Indicate if uncertain): _____
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (Indicate if bd): _____
 FEMALE BAND #: 2131 14519 EXPECTED HATCH DATE: _____
 COLORS (R) Yel o Ltgrn # HATCHED, DATE: _____
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # 1580
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): 1.5 (1.48) miles - 30 m past green gate on E (right) side
 LOCATION (SPECIFIC): _____

DATE	TIME	INIT	STATUS
6/19/93		CABuella ACT	
6/25			4 eggs
6/27	1950	RCT	♀ on
6/29	0746	RCT	♀ on nest
7/3/93		RCTDE	♀ flushed off 7 eggs (some added by RCT)
7/5	1430	RP RCT	nestlings (2): smaller nestling (once translocated) yellow and dead - removed. Painted other's nails rose. This painted nestling is from 2.4.
7/6		RP	5 ygs, adopted one largest.
7/7			banded 3 ygs including adopted 3 ygs still
7/16		RPTO	ad. chip by nest - not identified
7/16		RCT	fledged

NEST LOG SHEET

NEST ID: 714-34 TREATMENT GROUP: C-C
 MALE BAND #: 94093547 DATE/STATUS WHEN FOUND: 4 eggs, ♀ inc. 5/22/93
 COLORS (R) DKBI OS DATE 1st EGG (indicate if backdated): ?
 COLORS (L) Red OY # EGGS LAID (indicate if uncertain): 4
 BLOOD SAMPLE # Not bled DATE INCUBATION ONSET (indicate if bd): ?
 IMPLANT REMOVED (Y/N), DATE: n/a EXPECTED HATCH DATE: x
 FEMALE BAND #: 2131-14506 # HATCHED, DATE: x
 COLORS (R) Red FLEDGED/FAIL, #, DATE: failed ^{between} 5/22 late pm - 5/23 am
 COLORS (L) W/Ltarn OS
 BLOOD SAMPLE # not bled
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.6
 LOCATION (SPECIFIC): 25 m S of bait flag (which is at pink rock on left edge of road) E bank.

DATE	TIME	INIT	STATUS
4/8/93	1015	RCT	♂ giving SRS by UB (then) ♀
4/13	0939	RCT	♂, ♀ forage, sit; ♂ vocal interactions with UB ♀ @ 1.5 mi. - QLR, SRS
4/17	1641	RCT	pair forage close together. Both give contact calls, ♂ QLR
4/18	0740	RCT	♂ recap, ♀ banded at net
4/27	1029	RCT	♂ < 1 m from ♀. Also interacted w/ 1.5 pair (then unbanded) start found - some moss and grass - no progress to 5/19/93.
5/8	1530	RCT	no progress on nest
5/11	1132	RCT	nice depression (new) down from big rock. partial focal watch of ♂
5/16	1101	RCT	pair forage by stream, both PS, once QLR. Male puffy after focal watch.
5/22	1006	RCT	focal ♂ watch PS, QLR, SRS near ♀, who walked into new nest w/ 4 eggs - I believe it just started incubating b/c no ♀ flushed here earlier, though the pair had been ~ this spot the last few days. ♂ SRS remnant of fertile period?
5/23	1120	RCT	nest ripped out of bank. no eggshell. ad. chip above nest

- failed (naturally) -

NEST LOG SHEET

NEST ID: 714-34R TREATMENT GROUP: C-C

MALE BAND #: 940 93547 DATE/STATUS WHEN FOUND: _____

COLORS (R) DKB1 - S _____ fledglings

COLORS (L) Red oY DATE 1st EGG (indicate if backdated): _____

BLOOD SAMPLE # not bled # EGGS LAID (indicate if uncertain): _____

IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): _____

FEMALE BAND #: 2131-14506 EXPECTED HATCH DATE: _____

COLORS (R) Red # HATCHED, DATE: _____

COLORS (L) wh/Ltgrn o S FLEDGED/FAIL, #, DATE: _____

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.6

LOCATION (SPECIFIC): 8m N of bait flag almost at stream - opposite small section of diagonal rusty fence. start

DATE	TIME	INIT	STATUS
5/24/93	1200	RCT	♂ tailwhites, puffy, QR - across from nest start. ♀ chip when I approached. same start as found 4/27 (but not then used)
5/25/93			
5/26	0733		R ♀ was on nest. rootlets, good cup; no eggs
6/30			This nest ↑ not used as of today _____
7/3		RCT	♂ (bands seen) with food, among flock of fledglings by water fountain. Apparently had unfound nest (in woods, I hope) that fledged - check tomorrow

NEST LOG SHEET

NEST ID: 714-34RT TREATMENT GROUP: CC
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: a little grass - mainly moss
 COLORS (R) DK Bl & S 7/6/93
 COLORS (L) Red & Yel DATE 1st EGG (indicate if backdated): 7/15/93
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): _____
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): _____
 FEMALE BAND #: _____ EXPECTED HATCH DATE: _____
 COLORS (R) Red # HATCHED, DATE: _____
 COLORS (L) Wh/Lt grn & S FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): 1.6 mi from 613
 LOCATION (SPECIFIC): Right bank opposite rusty fence flag opposite

DATE	TIME	INIT	STATUS
7/9/93 7/7		RP RTR	♂ flew out of nest. TO ♀ and ♂ chipping above nest. still moss.
7/16		RP, JO	2 eggs
7/19		LC	♀ on 4 eggs
7/22		LC	♀ off 4 eggs

NEST LOG SHEET

NEST ID: 714-35 TREATMENT GROUP: C-C

MALE BAND #: 94093545 DATE/STATUS WHEN FOUND: 1 egg

COLORS (R) DKBLOS

COLORS (L) ROORG DATE 1st EGG (indicate if backdated): 5/8/93

BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 3

IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 5/10/93

FEMALE BAND #: 94093618 EXPECTED HATCH DATE: 5/21

COLORS (R) BLKOR # HATCHED, DATE: X

COLORS (L) YELOS FLEDGED/FAIL, #, DATE: artificially depredated

BLOOD SAMPLE # 1584 3 eggs 5/22 2 pm

FEMALE STAYED/LEFT, DATE: stayed

LOCATION (GENERAL): 1.62

LOCATION (SPECIFIC): N bank ~ 6 m E of gate to house [this is past stream]

DATE	TIME	INIT	STATUS
4/29/93	1012	RCT	2 juncos flew off bank in area of future nest, however, 714-34 pair also foraged at times in this area.
5/5/93	1745	RCT	pair seen at 16m. (714-34)
5/8/93	1530	RCT	1 egg found in nest.
5/11/93	1113	RCT	3 eggs found in nest.
5/11/93	1150	RCT	Recap ♀ caught w/ lure - no ♂ around, 3 eggs in nest
5/12/93	1136	RCT	3 eggs, ♀ on nest
5/13/93	1749	RCT	♀ on eggs, ♂ LRS 40m away
5/15/93	1823	RCT	♀ on nest, did not flush her.
5/17/93	0903	RCT	♂ <u>DKBOS ROORG</u> chipping <1m from the ♀.
5/21/93	1747	RCT	♀, ♂ not seen, 3 eggs still there.
5/22/93	1022	RCT	♀ not on nest, 3 eggs still there.
5/22/93	1515	RCT	Removed 3 warmish eggs. No adults seen.

— failed (experimentally) —

NEST LOG SHEET

NEST ID: 714-35R

TREATMENT GROUP: C-C

MALE BAND #: 940 93545

DATE/STATUS WHEN FOUND: start mass - not used
nest used - found w/ 1 egg (seen 5/24 or 5, but not thought to be active)

COLORS (R) DKB1 o S

COLORS (L) R o Org

BLOOD SAMPLE # 1584

DATE 1st EGG (indicate if backdated): 5/28/93

EGGS LAID (indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (indicate if bd): 5/31/93

FEMALE BAND #: 940 93618

EXPECTED HATCH DATE: 6/12/93

COLORS (R) BLK o R

HATCHED, DATE: 3, 6/1/93

COLORS (L) Yel o S

FLEDGED/FAIL, #, DATE: fledged 3, 6/23/93
(force-fledged)

BLOOD SAMPLE # 1584

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.62

LOCATION (SPECIFIC): past stream - closer to stream than house gate
low on bank; flag opposite

DATE	TIME	INIT	STATUS
5/24	1110	RCT	nest found - low in bank - ♀ chip above - ♂ forage across road.
5/25	1104	RP	Start with mass. no adults singing.
5/27	0726	RCT	heard ♀ give pre-cop call, ♂ SRS
5/28	0657		♀ flew off egg
5/29	1108		Scared ♀ cowbird from nest area. Nest now contains 2 junco and one cowbird egg - [Cowbird apparently removed ♀-egg later but did not lay again next day. see 5/30]
6/1	0722		♀ flushed off 4 [?] junco eggs / cowbird egg - removed cb egg ↳ think I miswrote this. I believe 3 was max. junco #
6/4	1445		♀ " " 3 eggs, all junco
6/6	1156		3 eggs
6/13			weighed and measured young.
6/16		RP, RCT	ad. chip over nest w/ 3 young
6/19		VN	Both adults at nest. ♀ singing - trap. Yg not examined; 1/2 on a about to do pred. for the in.
6/23		RP	looked in nest, 3 yg. jumped out
6/24	0823	RP, RCT	ad. chip by gate to horse. (fledge seen; certainly some are here.)
6/28-30		RCT et al	- ad (1-2) (both at + near) chipping by fledglings - # uncertain, but some still alive.
6/30		RCT, TK	looked for but did not find new nest.

NEST LOG SHEET

NEST ID: 714-35R II TREATMENT GROUP: CC

MALE BAND #: _____ DATE/STATUS WHEN FOUND: 7-7-93 1 egg

COLORS (R) _____

COLORS (L) _____ DATE 1st EGG (indicate if backdated): 7-7-93

BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 7-10-93

FEMALE BAND #: 940 93618 EXPECTED HATCH DATE: _____

COLORS (R) Bk o R # HATCHED, DATE: _____

COLORS (L) Yel o S FLEDGED/FAIL, #, DATE: _____

BLOOD SAMPLE # 1584

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1.62 miles by house ~~not on road~~

LOCATION (SPECIFIC): top edge of bank to right of back deck of house

2,3
banded
age = 013)

DATE	TIME	INIT	STATUS
7-7-93	0800	RCT	nest found w/ 1 egg. pair with fledglings in hemlocks by road
7-16	0900	RCT SD, RP	♀ foraging above nest. 4 eggs
7/19		LC	♀ on 4 eggs
7/22	1430	LC	1 nestling hatched - 3 eggs ♀ on

NEST LOG SHEET

NEST ID: 714-36 TREATMENT GROUP: P-CMALE BAND #: 2131-14055 DATE/STATUS WHEN FOUND: 5/5/93COLORS (R) W/Ltgrn OS grass buildingCOLORS (L) Ltbr & Blk DATE 1st EGG (indicate if backdated): 5/12/93BLOOD SAMPLE # 1602 # EGGS LAID (indicate if uncertain): 4IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 5/14/93FEMALE BAND #: 2131-14504 EXPECTED HATCH DATE: 5/26COLORS (R) Ltgrn OLav # HATCHED, DATE: 2, 5/27/93COLORS (L) W/Ltgrn OS FLEDGED/FAIL, #, DATE: fledged 6/6/93BLOOD SAMPLE # 1446FEMALE STAYED/LEFT, DATE: stayedLOCATION (GENERAL): 1.65LOCATION (SPECIFIC): Behind rusty fence S side of road ~30 m past house gate. bank about 10' from road (need to cross fence to see)

DATE	TIME	INIT	STATUS
4/11/93	1144	RCT	possibly this pair - chipped at 1.7 miles (unbanded at that time)
5/3/93	0943	RCT	♂ seen 0-1 m from ♀
5/5/93	1751	RCT	nest has grass, no egg
5/8/93	1535	RCT	still no egg.
5/9/93	—	RCT	OK BLOS, RW Org by nest (bait) not so interested
5/10/93	0925	RCT	in 36 pair. UB? ♂ sang to NW in woods
5/10/93	0945	RCT	♂ seen
5/12/93	1139	RCT	♀ was banded.
5/14/93	1822	RCT	1 egg found, ♂ LRS, then foraged back in woods.
5/17/93	0853	RCT	Ltgrn OLav ♀ flushed off 4 eggs.
5/21/93	1448	RCT	♀ on nest.
5/22/93	1020	RCT	♀ on nest.
5/23/93	1457	RCT	♀ on nest.
5/23/93	1600	RCT	♂ watch, sang QLR.
5/24/93	0	RCT, RP	♀ flushed off 4 eggs. Replaced 2 w/ cowbird eggs to stop development (plan to depredate nest)
5/25	1105	RCT	f. male watch.
1	1121		♀ flushed off 2j + 2cb eggs. ♂ (identified) and ♀ chip above nest.
5/26	0728		♀ on 2+2 eggs.
5/27	0708		young day 0, 2cb eggs.
5/28	0731		♀ on nest
6/1	0739		♀ on

NEST LOG SHEET

NEST ID: 714-36II TREATMENT GROUP: C-C
 MALE BAND #: 2131-14055 DATE/STATUS WHEN FOUND: ♀ on 4 eggs, 6/14/93
 COLORS (R) Wh/Ltgrn o S DATE 1st EGG (indicate if backdated): bd
 COLORS (L) LtBl o Blk # EGGS LAID (indicate if uncertain): 4
 BLOOD SAMPLE # 1602 DATE INCUBATION ONSET (indicate if bd): _____
 IMPLANT REMOVED (Y/N), DATE: h/a EXPECTED HATCH DATE: _____
 FEMALE BAND #: 2131-14504 # HATCHED, DATE: _____
 COLORS (R) Ltgrn o Lav FLEDGED/FAIL, #, DATE: failed 6/19/93 4 eggs
 COLORS (L) Wh/Ltgrn o S (experimentally)
 BLOOD SAMPLE # 1441₂ FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): 1.65
 LOCATION (SPECIFIC): on W (lower) bank of depression (~2m across) flag above + by road

DATE	TIME	INIT	STATUS
5/14/93		RCT	♀ flushed off 4 eggs.
6/17/93	0820	RCT	♀ on nest
6/21	0945	RCT	♀ on (checked later)
6/24	0900	RCT	♀ not on 4 eggs - not warm, not jipping. [but did develop normally when translocated, suggesting that they had not been abandoned]
7/7	-	RCT	♀ not seen since before eggs taken (6/). This ♀ seen in area, could be new mate? : LtBl (R) DkBl/DKgrn o S-②.

NEST LOG SHEET

NEST ID: 714-37 TREATMENT GROUP: C-C
 MALE BAND #: 2131-14517 DATE/STATUS WHEN FOUND: grass 5/8/93
 COLORS (R) W/ltgrn OS ♀ building
 COLORS (L) Y DATE 1st EGG (Indicate if backdated): 5/13/93 (bd 1 day)
 BLOOD SAMPLE # 1st bled # EGGS LAID (Indicate if uncertain): 2?
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (Indicate if bd): not
 FEMALE BAND #: 2101 06053 EXPECTED HATCH DATE: X
 COLORS (R) 2 Lt Bl/Blk # HATCHED, DATE: X
 COLORS (L) Y OS FLEDGED/FAIL, #, DATE: Failed 5/15
 BLOOD SAMPLE # Not bled
 FEMALE STAYED/LEFT, DATE: left 5/15/93 no since as of 6/15/93-RCT et al
 LOCATION (GENERAL): 1.8
 LOCATION (SPECIFIC): N bank under bait flag

DATE	TIME	INIT	STATUS
4/19/93	0901	RCT	♀ seen w/ unbanded ♂. ♀ gives PS 0-10 m from ♂.
4/27	0835	RCT	♀ seen w/UB ♂.
5/2		RCT	♂ was banded.
5/8	1544	RCT	♀ flew off of nest, there were no eggs.
5/5	1756	RCT	no progress - not much grass in nest.
5/9	1315	RCT	no eggs found.
5/14/93	0905	RCT	2 Junco eggs found.
5/15	1820	RCT	nest failed - no eggs and the lining was ripped out.
5/18	1132	RCT	♂ singing LRS 1.8 m. Just before creek. ♀? heard.
5/22	0936	RCT	♂, a lot of LRS, after f ♂ watch, PS, SRS heard ♀ not seen, but probably close by.
5/23	1045	RCT	♂ sing LRS at steady slow pace for most of 15 min. song census; ♀ not observed.
5/23	1523	RCT	f ♂ watch, sang Q&R, PS but ♀ not observed - could have been on a nest nearby? - Just past stream.
5/24	0907	RP	f ♂ watch 114 songs heard / 15 min from ♂.

- failed (5/15) (naturally)

NEST LOG SHEET

NEST ID: " 714-37R " TREATMENT GROUP: C-C

MALE BAND #: 2131 14517 DATE/STATUS WHEN FOUND: _____

COLORS (R) W/Ltgrn o S _____

COLORS (L) Y DATE 1st EGG (indicate if backdated): _____

BLOOD SAMPLE # not done # EGGS LAID (indicate if uncertain): _____

IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): _____

FEMALE BAND #: _____ EXPECTED HATCH DATE: _____

COLORS (R) _____ # HATCHED, DATE: _____

COLORS (L) _____ FLEDGED/FAIL, #, DATE: _____

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 1-8 _____

LOCATION (SPECIFIC): _____

DATE	TIME	INIT	STATUS
5/25	1015	RP	♂ sang 37 LRS from near old nest. Where is new nest??
5/28	0954	RCT	♂ sang LRS, chased Acadian Flycatcher by stream. no ♀ seen.
6/30		RCT	still no sign of a ♀. ♂ still sings continuously.
7/3		DE,RCT	"
7/7		RCT	"
7/16			"

NEST LOG SHEET

NEST ID: 714-38

TREATMENT GROUP: C-C

MALE BAND #: 94093540

DATE/STATUS WHEN FOUND: grass - building

COLORS (R) DKbl OS

4/18/93

COLORS (L) DKgrn OR

DATE 1st EGG (indicate if backdated): 5/4

BLOOD SAMPLE # Not bled

EGGS LAID (indicate if uncertain): 3

IMPLANT REMOVED (Y/N), DATE: _____

DATE INCUBATION ONSET (indicate if bd): 5/

FEMALE BAND #: 2131-14516

EXPECTED HATCH DATE: 5/

COLORS (R) W

HATCHED, DATE: 2 5/18/93

COLORS (L) W/Lt grn OS

FLEDGED/FAIL, #, DATE: fledged

BLOOD SAMPLE # Not bled

FEMALE STAYED/LEFT, DATE: stayed

LOCATION (GENERAL): 2.0

LOCATION (SPECIFIC): on left near drainage pipe close to grassy area

DATE	TIME	INIT	STATUS
4/11/93	1154	RCT	pair together 2.0 mi. nest scrape found (ultimately not used, to 5/19) ♂ LRS
4/13	1929	RCT	♂♀ sit near bait; ♂ sing SRS
4/14	0930	RCT	♂♀ forage. Then sit in trees, ♂ giving QLR
4/15	1015	RCT	♂ QLR near ♀
4/16	1108	RCT	♂ LRS far, SRS close to ♀
4/17	1312	RCT	2 other nest starts noted; not ultimately used by pair (to 5/19)
4/18	0901	RCT	♂, ♀ nest building - see focal ♂ watch, RCT field notes. Both birds go into nest, once both in nest at same time
4/19	1125	RCT	nest has some deer hair
4/22	1659	RCT	no eggs in nest yet
4/23	1130	RCT	no eggs or adults
4/24	1000	RCT	same
4/26	1616	RCT	no eggs. 2 v8 juncos at bait, or near it.
4/28	1237	RCT	no eggs. ♂ < 1 m from ♀.
5/2	0756	RCT	♂ recap at bait (potter trap), large cip. ♀ banded, was heavy.
5/3	—	RCT	w ♀, ♂ seen.
5/6	1756	RCT	3 eggs found in nest (1216) ♂ sing QLR, pair forage together.
5/8	1545	RCT	♀ off nest, 3 eggs still.
5/10	1005	RCT	♂ sing QLR at various distance from ♀.
5/14	0911	RCT	♀ on nest, not flushed.
5/15	1729	RCT	♀ on nest, ♂ not here.
5/16	1054	RCT	♀ on nest.
5/17	0911	RCT	focal ♂ (male) watch, ♀ flew into nest, ♂ called to her before she
5/20	1015	RCT	measured 2 yg adult chip.
5/21	0914	RCT	♀ chip, ♂ forage 20 m from nest
5/22	0953	WSS	2 yg. 5 ♂ heard singing from census site !!
5/23	0954	RCT	2 nestlings still

NEST LOG SHEET

NEST ID: 714-38

DATE	TIME	INIT	STATUS	INIT
5/25	1016	R,CT	Adult with food by nest. Didn't look in because there was a Red Squirrel nearby (< 5 m). This ♂ did not sing in 15 min.; neighbor sang 2x.	
↑ 5/24		RP,RCT	banded and bled 2 yg.	

NEST LOG SHEET

NEST ID: 714-38 II TREATMENT GROUP: CC
 MALE BAND #: 940 93540 DATE/STATUS WHEN FOUND: ♀ on 5 eggs
 COLORS (R) DLBI o S 6/10/93
 COLORS (L) DKgrn o R DATE 1st EGG (indicate if backdated): bd
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 5
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): bd
 FEMALE BAND #: 2131-14516 EXPECTED HATCH DATE: 6/19^{bd} (≤ 6/22/93)
 COLORS (R) W # HATCHED, DATE: 6/1/93
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: failed, 4, 6/24/93
 BLOOD SAMPLE # _____ (experimentally)
 FEMALE STAYED/LEFT, DATE: Stayed

LOCATION (GENERAL): just before overhanging sign - 2.0 miles fr. 613
 LOCATION (SPECIFIC): Right bank ~60 steps before sign by rock

DATE	TIME	INIT	STATUS
6/10/93	1211	RCT	♀ flushed off 5 junco eggs.
6/12			♀ flushed off 5 eggs
6/13			♀ on
6/14			♀ off; 5 eggs
6/17	0832	R.P.R.P.	♂ seen at 2.2 w/ fledling in hemlock ♀ on nest
6/21		RP	5 yg in nest
6/22	0905	RP, RCT	measured 5 yg ~ day 4
6/24	0928	RCT, RP	removed (and translocated to 1-3) 2 yg (after banding and bleeding them) - part of ^{fertility} experiment. Both adults identified.
6/26	1925	EAS	no LRS
6/27	0835	RCT	♂ sang 4x; neighbor 28x (2.05). Stunt looked revamped but not used (as of 7/3)
			<u>failed</u>
6/28	0833	RCT	neighbor sang 78x, this ♂ 0.
6/30	1900	RCT	♂ ^{1st} LRS, ♀ (not id ^{ed}) by overhead sign. no nest yet. Both flew far into woods to NNW.

NEST LOG SHEET

NEST ID: 714-38JR TREATMENT GROUP: CC
 MALE BAND #: 940 93540 DATE/STATUS WHEN FOUND: 7-5-93 4 eggs
 COLORS (R) DKBI o S
 COLORS (L) DKgrn o Red DATE 1st EGG (Indicate if backdated): bd
 BLOOD SAMPLE # _____ # EGGS LAID (Indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (Indicate if bd): bd
 FEMALE BAND #: 2131-14516 EXPECTED HATCH DATE: -
 COLORS (R) W # HATCHED, DATE: 7-7-93
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 2.1 mi from G13
 LOCATION (SPECIFIC): just past 2nd curve after overhead sign, on right
(site of last year's nest)

DATE	TIME	INIT	STATUS
7/5/93		RCT	
1	1445	1	♀ flushed off 4 eggs, ident. fled. [family w/2 UB fledglings at 7.0 0835-RP]
7/7/93	0830	JO	" 4 eggs still
7/16		JO RP	♀ on
7/17		revis	4 yng Day 2
7/19		LL	young OK
7/22		LC	4 nestlings Day 7 & 8 banded & bled

"NO KNOWN NEST" BIRDS

TREATMENT GROUP C-C STATUS unknownLOCATION 2.05 miDATE FOUND 4-27-93 STATUS WHEN FOUND
unbanded

FEMALE:

BAND # 2131-14508COLORS (R) YOLav (L) Wh/Ltgrn OS Not bled

MALE:

BAND # 2131-14507COLORS (R) Wh/Ltgrn OS (L) LtBl Not bledDATE COMMENTS

4/27/93 0730 2.0 ♂ approached this ♀

4/27/93 1853 pair banded at 2.0.

6/15/93 not seen since ↑

6/30 - a ♂ has been singing 2-parted CRS to NW in woods for several
days - will try to check if it is this ♂

7/3 "

NEST LOG SHEET

NEST ID: 714-39 TREATMENT GROUP: C-C
 MALE BAND #: 2131 14510 DATE/STATUS WHEN FOUND: 5/ 4 eggs
 COLORS (R) Wh/Ltgrn + S
 COLORS (L) Ltgrn DATE 1st EGG (indicate if backdated): ~5/10 bd
 BLOOD SAMPLE # not bnd # EGGS LAID (indicate if uncertain): 4?
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): bd
 FEMALE BAND #: 940-93227 EXPECTED HATCH DATE: —
 COLORS (R) Org/DKBl # HATCHED, DATE: —
 COLORS (L) 50 Org/Ltgrn FLEDGED/FAIL, #, DATE: 5/22 Failed
 BLOOD SAMPLE # 1448
 FEMALE STAYED/LEFT, DATE: stayed
 LOCATION (GENERAL): 2.25 mi - past large hemlock on left, before pull-out
 LOCATION (SPECIFIC): 2 bank (N) under stick, flag opposite

DATE	TIME	INIT	STATUS
4/12/93	0938	RCT	This ♂ caught at 2.2 net but never seen again - may be of interest for EPFs - ♂ was LtBl/DKBl + S - R DKgrn - L
4/14	1045	RCT	♀ recaptured. when I released her, unbanded ♂ - topped singing long-range song flew to female and sang short-range song
4/15	0925	RCT	possible start 10 m before bait, a few rootlets high on bank
4/17	1440	RCT	start - a scrape below moss on bank, a few rootlets
4/19	0915	RCT	♀ flushed off bank, no change in starts' status
4/23	-	RCT	start with sticks but not complete
4/26	1619	RCT	♀ appeared to come off bank. one start maybe more built than before.
4/28	1215	RCT	no eggs, some grass in nest start
4/30	0845	RCT	♂ banded
	0900	RCT	♀ recap
5/8	1552	RCT	No lining in nest.
5/13	1815	RCT	4 eggs in nest (3 Junco, 1 cowbird)
5/14	0953	RCT	3 (Junco) + 1 cowbird egg remain
5/14	1735	RCT	Removed cowbird egg, broke on rock, appears unfertilized - just yolk. Eggs warm. Juncos adults chip lightly to W.
5/16	1434	RCT	3 egg, ♀ not on nest.
5/17	0937	RCT	3 warm eggs still.
5/21	1457	RCT	3 egg still.
5/22	0911	RCT	nest failed - ripped out, ♀ ♂ watch.

— failed (naturally) —

NEST LOG SHEET

NEST ID: 714-39R

TREATMENT GROUP: C-C

MALE BAND #: 2131 14510

DATE/STATUS WHEN FOUND: 5/24/93 6/14

COLORS (R) wh/Ltarn = S

mossy cup

COLORS (L) Ltarn

DATE 1st EGG (indicate if backdated): 5/28 bd

BLOOD SAMPLE # _____

EGGS LAID (indicate if uncertain): 5

IMPLANT REMOVED (Y/N), DATE: _____

DATE INCUBATION ONSET (indicate if bd): bd

FEMALE BAND #: 940-93227

EXPECTED HATCH DATE: _____

COLORS (R) Org/DK B

HATCHED, DATE: 6/1 bd

COLORS (L) S or Org/Ltarn

FLEDGED/FAIL, #, DATE: 2 fledged 6/24

BLOOD SAMPLE # 1448

FEMALE STAYED/LEFT, DATE: stayed

LOCATION (GENERAL): ~ 2.28 mi

LOCATION (SPECIFIC): 100' past open area, 2.2 mi, on bank, flag opposite ant

DATE	TIME	INIT	STATUS
5/24/93	0945	RCT	mossy cup; ♀ flew from nest area - not ided.
5/25/93	1000	RP	not yet lined. no adult.
5/28/93	0900	RCT	no progress. looked for another start - none found.
5/29	0903	1	" ; R or Org (2.35) here, but not with ♀. ↑ this nest not used as of 6/15/93 - see below
6/14	1045	VN	adults chipped a lot. ~100' past open area
	1125	RCT	found nest w/ 5 young
6/16	1000	VN	young in nest. 2 ad. present. ♀ caught w/ lure.
6/18		RCT, RP, JO	banded + bled 2 yg.
6/24	0920	RP	nest fledged; lots of ^{LR} songs in area
6/30		RCT	- checked out nest - droppings on outside indicate fledging Also juncos begging to w of nest may be there.
6/28	0831	RP	juncos chipping by open area
			fledged

NEST LOG SHEET

NEST ID: 714-39RII⁹⁶ TREATMENT GROUP: CC
 MALE BAND #: 213114510 DATE/STATUS WHEN FOUND: For 4 eggs; 7/3/93
 COLORS (R) Wh/Ltgrn o S DATE 1st EGG (Indicate if backdated): bd
 COLORS (L) Ltgrn # EGGS LAID (Indicate if uncertain): 4
 BLOOD SAMPLE # 2040 DATE INCUBATION ONSET (Indicate if bd): 7/193 bd
 IMPLANT REMOVED (Y/N), DATE: _____ EXPECTED HATCH DATE: -
 FEMALE BAND #: 940-93227 # HATCHED, DATE: 4, 7/14/93
 COLORS (R) Org/DKBI FLEDGED/FAIL, #, DATE: Fledged
 COLORS (L) S o Org o Ltgrn
 BLOOD SAMPLE # 1448
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): ~2.25 miles
 LOCATION (SPECIFIC): NE (opposite) "clearing" (turnaround) ~20m from road by
mount along path; left "bank"

DATE	TIME	INIT	STATUS
7/3/93		RCT	♀ flushed off 4 junco eggs. ♂ came in quickly. Both identified, chipped alot to E in trees.
7/14		JD,RP	4 newly-hatched.
7/18		LC	4 nestlings banded and bled ~ Day 6
7/19		LC/ VN	♂ caught & bled
7/22		LC	young in nest

NEST LOG SHEET

NEST ID: 714-40

TREATMENT GROUP: C-C

MALE BAND #: 2081-77623

DATE/STATUS WHEN FOUND: ♀ on 4 yg. ; 5/17/93

COLORS (R) 5° DKgrn/

~ 2 days old

COLORS (L) Red

DATE 1st EGG (indicate if backdated): 4/29 bd

BLOOD SAMPLE # 1810

EGGS LAID (indicate if uncertain): 4?

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (indicate if bd): 5/2 bd

FEMALE BAND #: 2131 14522

EXPECTED HATCH DATE: —

COLORS (R) Yel/blk

HATCHED, DATE: 5/14/93 bd

COLORS (L) wh/Ltgrn o S

FLEDGED/FAIL, #, DATE: Fledged

BLOOD SAMPLE # 1595

FEMALE STAYED/LEFT, DATE: Stayed

LOCATION (GENERAL): 2.35 mi from 613

LOCATION (SPECIFIC): med-size treefall in gully (downhill), in pit of tree fall; flg loose below nest

DATE	TIME	INIT	STATUS
4/17	1523	RCT	♂ associates with unbanded female. They chased UB pair from bank 2.4 mi.
4/22	1731	RCT	♂ seen in area
5/6	1211	RCT	♂ seen at 2.4 mi - UB ♀ gave bagnoises when ♂ close.
5/6	—	RCT	Org ♂ chase UB ♂ from bait pile - UB went uphill (prob. #410)
5/13	0825	RCT	♀ banded (caught w/ lure) flew in from downhill (brood patch) Org ♂ also at bait, UB pair interact at bait.
5/17	—	RCT	Found nest ♀ on 4 young, ♀ ran along ground, young ~ 2 day old
5/22	1100	RCT	3 young banded & bled (Lav, Red, Yel) ~ day 8 ♀ flew off nest, ran along ground w/ wings raised. ♂ sing. not identified.
5/24	—	RCT	adults chp. by nest
5/29	0856	RCT	nest looks fudged - droppings on edge and outside of nest.
7/1		Z15	one of nestlings (now fledge) caught GD Road.

NEST LOG SHEET

NEST ID: 714-40 II TREATMENT GROUP: C-C
 MALE BAND #: 2081-77623 DATE/STATUS WHEN FOUND: ♀ flushed off
 COLORS (R) ♂ → 50 BIK/Yel 5 eggs 6/10/93
 COLORS (L) Red DATE 1st EGG (indicate if backdated): bd
 BLOOD SAMPLE # 1810 # EGGS LAID (indicate if uncertain): 5
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): bd
 FEMALE BAND #: 2131-14522 EXPECTED HATCH DATE: —
 COLORS (R) Yel/BIK # HATCHED, DATE: —
 COLORS (L) wh/Ltgrn o S FLEDGED/FAIL, #, DATE: failed 6/24, 5 yg
 BLOOD SAMPLE # 1595 naturally
 FEMALE STAYED/LEFT, DATE: —

LOCATION (GENERAL): 2.35 miles from 613
 LOCATION (SPECIFIC): steep left bank, flagged opposite at pull-off. Nest very easy to see, under sparsely-vegetated "outcrop" of soil/rock.

DATE	TIME	INIT	STATUS
6/10/93	1825	RCT	♀ was on, flushed downhill. 5 junco eggs (♂ is 1990 nestling)
6/13 6/14/93	late pm	VN	5 eggs Caught ♂. RCT changed bands to 50 BIK/Yel (2) Red (2) - Older bands very worn. (was 50 DKgrn/Yel, Red)
6/19			♀ on
6/24/93		RCT	nest empty, not noticeably tipped out. No ad. chip, but ♂ sings downhill.
6/30			looked for but did not find nest. <u>failed</u>

NEST LOG SHEET

NEST ID: 714-40 IR TREATMENT GROUP: CC
 MALE BAND #: 2081-77623 DATE/STATUS WHEN FOUND: 7/6/93 4 eggs
 COLORS (R) 50 BIK/Yel
 COLORS (L) Red DATE 1st EGG (Indicate if backdated): bd
 BLOOD SAMPLE # 1810 # EGGS LAID (Indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (Indicate if bd): _____
 FEMALE BAND #: 2131-14522 EXPECTED HATCH DATE: _____
 COLORS (R) Yel/3IK # HATCHED, DATE: 4 7/13/93
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: failed
 BLOOD SAMPLE # 1595
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 2.35 miles from 613
 LOCATION (SPECIFIC): downhill in gulley. 2 m S of large tree overhanging stream
on W "bank" of stream. flag in stream - may

DATE	TIME	INIT	STATUS
7/6/93	0800	RCT	4 eggs; ♀ not on; ~ 12 m from 1st nest float away if rains!
7/16	0925	RCT RP, 50	4 yg ave. mass = 6g. (day 3) ♂ ♀ chipping, both identified.

NEST LOG SHEET

NEST ID: 714-41 TREATMENT GROUP: C-C
 MALE BAND #: 2131-14523 DATE/STATUS WHEN FOUND: 5/20/93
 COLORS (R) W/Ltgrn OS 4 eggs
 COLORS (L) Y O BLK/Yel DATE 1st EGG (indicate if backdated): 5/17/93 bd
 BLOOD SAMPLE # 1596 # EGGS LAID (indicate if uncertain): 5
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): 5/20/93
 FEMALE BAND #: 2131-14545 EXPECTED HATCH DATE: 5/11/93
 COLORS (R) DKBI/wh # HATCHED, DATE: 5/31/93 (4)
 COLORS (L) wh/Ltgrn OS FLEDGED/FAIL, #, DATE: fledged 6/10(2-3)
 BLOOD SAMPLE # 1802 6/11(1)
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): 2.4 mi
 LOCATION (SPECIFIC): ~75 paces uphill past lg rock in treefall

DATE	TIME	INIT	STATUS
5/13/93	0930	RCT	♂ banded at 2.3 mi.
5/14/93	1006	RCT	♂ fight w/ 40 ♂ by bait.
5/20	1023	WSS	♀ on nest
	0928	RCT	♀ flushed off 4 eggs (all junior)
5/22	1023	WSS	♀ on nest
5/23	1038	RCT	♀ flushed off nest 5 eggs
5/24			
5/25	1040	RCT	2 ♂ sing 45 ^{LR} songs total from road.
5/26	0812	RCT	♀ on 5 eggs
5/27	0647		156 LRS/15 min by 2 birds (a lot)
6/6	1027		Y O BLK ♂, UB ♀ (later banded) chipping at nest. 4 young ~ 6 days old. feathers not close to emerging from sheathes.
6/11	0750	RCT, RP, JO	only one fledge (pink) remaining in nest. Brought it into lab.
5/12	1425-1530	RCT, LC	Caught 2 more fledglings (DKBI, wh/wh). Held in captivity + fed
6/13		RCT	♂ singing No fledglings seen
6/14			" "
6/15			[in lab] DKBI died from metabolism problem w/ food flow. other 2 OK.
6/16	1120	RCT, RP	pair identified by road below old nest. Looking for new nest site? ♀ foot appears injured still (also on 6/11)
6/17		wh/Org	Org fledg. died - face, head infected - bloated, very painful looking, metaphanesed.
6/24	-	RCT	pink fledge. still alive, and healthy, in lab.
7/4	1920	RCT	" released on natal territory. seen 7/5, 6 (2.2, 2.4 miles respectively)
7/7	0900	RCT, RP, JO	Pink fledge seen 1.8 miles.

NEST LOG SHEET

NEST ID: 714-41II

TREATMENT GROUP: C-C

MALE BAND #: 2131-14523

DATE/STATUS WHEN FOUND: 6/17/93 grass no teen hair

COLORS (R) Wh/Ltgrn = S

COLORS (L) Y = BIK/Yel

DATE 1st EGG (indicate if backdated): 6/20

BLOOD SAMPLE # 1596

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 2131-14545

EXPECTED HATCH DATE:

COLORS (R) DKBI/Wh

HATCHED, DATE:

COLORS (L) Wh/Ltgrn = S

FLEDGED/FAIL, #, DATE: failed expt 6/29

BLOOD SAMPLE # 1802

FEMALE STAYED/LEFT, DATE: Stayed

LOCATION (GENERAL): 2.45 miles, left bank

LOCATION (SPECIFIC): low ~ opposite drain pipe, ~40' past dead tree (on opp side of rd)

DATE	TIME	INIT	STATUS
6/17/93	1015	RCT, RP	♀? in lg dead tree. Found new nest very low in bank, bulky, not completed.
6/26	2005	EAS	5 eggs
6/26	1947	EAS	no LRS in 15 min.
6/27	0843	EAS	♂ sang 78 LRS
6/28	0850	RCT	0911 - ♀ in. 2 songs only heard.
6/29	0804	RCT	♀ on nest
6/30	0855	RP	8 songs heard
6/25	0834	EAS	LRS=41.

NEST LOG SHEET

NEST ID: 714-41 IIR

TREATMENT GROUP: GC

MALE BAND #: 2131-14523

DATE/STATUS WHEN FOUND: 7/4/93 lined w/

COLORS (R) wh/Ltgrn o S

deer hair

COLORS (L) Yo Blk/Yel

DATE 1st EGG (Indicate if backdated): 7/5/93

BLOOD SAMPLE # 1596

EGGS LAID (Indicate if uncertain): _____

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (indicate if bd): _____

FEMALE BAND #: 2131-14545

EXPECTED HATCH DATE: _____

COLORS (R) DK Bl/wh

HATCHED, DATE: _____

COLORS (L) wh/Ltgrn o S

FLEDGED/FAIL, #, DATE: _____

BLOOD SAMPLE # 1802

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 2.4 miles downhill (on side of rd) from larger oak

LOCATION (SPECIFIC): flag opposite look backward on rd. for best view.
+ below (toward rd) low in bank.

DATE	TIME	INIT	STATUS
7/4/93		RCT	Adults in area close together. Nest found - lined, no eggs.
7/5/93			1 egg.
7/6	0814	DE	2 cold eggs. Pink in view (fledge from nest 1). no CRS from this ♂.
7/7	0840	JO, RP	3 eggs.
7/16		RCT RP, JO	4 eggs. 1 not on
7/19		LC	♀ on 4 S eggs
7/22		LC	♀ on 4 eggs

NEST LOG SHEET

NEST ID: 714-42 TREATMENT GROUP: C-C
 MALE BAND #: 2101-06839 DATE/STATUS WHEN FOUND: _____
 COLORS (R) Ltgrn/DKgrn OS _____
 COLORS (L) w DATE 1st EGG (indicate if backdated): _____
 BLOOD SAMPLE # 1811 # EGGS LAID (indicate if uncertain): _____
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): _____
 FEMALE BAND #: 2131-14511 EXPECTED HATCH DATE: _____
 COLORS (R) ROBILK # HATCHED, DATE: _____
 COLORS (L) w/Ltgrn OS FLEDGED/FAIL, #, DATE: fail 5/26
 BLOOD SAMPLE # int. tested naturally
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): 2.5
 LOCATION (SPECIFIC): on bank of path 40 m below (downhill) from bait pile.

DATE	TIME	INIT	STATUS
4/13/93	0918	RCT	♂, ♀ foraging close together
4/19	1107	RCT	♀? carried material to nest downhill. Repeated 3x. ♂ sings LRS.
4/20	0849	RCT	rootlets and bits of grass in nest. no adults here.
4/22	1740	RCT	♂ feeds at bait uphill from nest
4/23	1138	RCT	♂ seen w/ ♀ on road. nest complete, no eggs
4/27	0920	RCT	no eggs
4/29	1024	RCT	♀ on nest. no eggs.
4/30	1000	RCT	banded the ♀, ♂ investigates trap but not caught.
5/20/93	0832	RCT	♀ on nest
5/7	0857	RCT	no eggs, no adults seen
5/14	1030	RCT	flushed ♀ off 4 eggs (1 is runt egg - 1/2 size of others) bluish-w, speckled similarly
5/17	1005	RCT	collected runt egg ♀ flew off 4 eggs (3 remain) ♂ LRS by road
5/24	0956	RCT	♂ foraging in trees above road. Did not sing at all.
5/26	0824	RCT	nest ripped out of bank, wet - not so recent no eggs or feathers.
	0954		♂ sang QLR, SRS, PS, mostly 1-3 m from ♀ — failed (naturally) —
5/29	1015	RCT	♂ sang LRS, QLR, flew to near ♀ by nest start (not later used). Later one member of pair giving PS uphill - couldn't tell which one.

NEST LOG SHEET

NEST ID: 714-42R

TREATMENT GROUP: C-C

MALE BAND #: 2101-06839

DATE/STATUS WHEN FOUND: 6/4/93 4 eggs

COLORS (R) Ltgrn/DKgrn o S

♀ on

COLORS (L) wh

DATE 1st EGG (indicate if backdated): 5/29/93 bd

BLOOD SAMPLE # 1811

EGGS LAID (indicate if uncertain): 4 ²⁰⁰²⁻²⁰⁰³ ²⁰⁰²⁻²⁰⁰³ ²⁰⁰²⁻²⁰⁰³ ²⁰⁰²⁻²⁰⁰³

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (indicate if bd): bd

FEMALE BAND #: 2131-14511

EXPECTED HATCH DATE: —

COLORS (R) Red o BIK

HATCHED, DATE: 4, 6/12/93 bd

COLORS (L) wh/Ltgrn o S

FLEDGED/FAIL, #, DATE: fledged 6/ /93

BLOOD SAMPLE # 1802

FEMALE STAYED/LEFT, DATE: —

LOCATION (GENERAL): ~2.48 miles from 613

LOCATION (SPECIFIC): Under Christmas fern 1' from a new scrape left bank 30m below bait pile

DATE	TIME	INIT	STATUS
6/4/93	1504	RCT	♀ finished 4 junco eggs. flew to right. ♂ sang LRS across rd.
6/7/93	1103	RCT	♂ watched same LRS ♀ 510m away
6/13	1635	RCT	measured 4 egg day 1
6/14	late pm	VN	Caught and bled ♂.
6/16	1056	RCTRP	ad. clipping over 4 young in nest.
6/17	0919	R.P.	♀ on nest
6/25	0840	RCT	nest looks fledged. lots of droppings outside; nest worn inside.
6/26	1948	RCT	♂ sang moderate amount LRS.
6/27	0845	RCT	♂ sang 106 songs in 15 min.
6/28	0855	RP	some LRS heard
6/29	0804	RP	no LRS
6/30	0856	RCT	fledglings heard downhill, where ♂ sang LRS (48x)
7/3		RCT	♀ chirped at me downhill from bait pile - hear fledges.

NEST LOG SHEET

NEST ID: 714-43

TREATMENT GROUP: C-C

MALE BAND #: 210106848

DATE/STATUS WHEN FOUND: 5/1/93 3 eggs

COLORS (R) Ora/Wh O S

COLORS (L) 2 DK B1 / Red

DATE 1st EGG (Indicate if backdated): 5/1 bd

BLOOD SAMPLE # 1613

EGGS LAID (Indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (Indicate if bd): 5/4/93 bd

FEMALE BAND #: 210106457

EXPECTED HATCH DATE: —

COLORS (R) R / DK B1

HATCHED, DATE: 4

COLORS (L) S O L T B1 / B1K

FLEDGED/FAIL, #, DATE: fail 5/23?

BLOOD SAMPLE # 1071 1992

FEMALE STAYED/LEFT, DATE: stayed

LOCATION (GENERAL): 2.6

LOCATION (SPECIFIC): on right on steep bank 2 meters above road

DATE	TIME	INIT	STATUS
4/30/93	1015	RCT	♀ by trap, bands seen well; together with UB? ♂ (may be 5-2, RCT 5/19). They did not approach lure closely.
5/5/93	1815	RCT	♀ on nest, ♂ singing LRS when we looked in.
5/8/93	1601	RCT	♀ on, 4 eggs in nest.
5/13/93	1045	RCT	♂ SRS. 10 min. at 2.7 mi.
5/14	1033	RCT	♀ on nest, not flushed.
5/15	1741	RCT	♀ flushed, 1 hatched, 3 eggs remain.
5/16	1438 1448	RCT MHC	measured 4 young.
5/20	0827	RCT	Oreg/wn ♂ chip across from nest, w/ ♀
5/20	0843	EK, VN	4 young, banded and bled
5/22	0830	RCT	1 adult chip by nest w/ food

— failed (naturally)

NEST LOG SHEET

NEST ID: 714-43R TREATMENT GROUP: C-C
 MALE BAND #: 2101 06848 DATE/STATUS WHEN FOUND: depredated, one egg remaining
 COLORS (R) Org/wk o S
 COLORS (L) 2 DK B1 / Red DATE 1st EGG (indicate if backdated): c. 5/28/93 ±
 BLOOD SAMPLE # - 1613 # EGGS LAID (indicate if uncertain): 1+
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): -
 FEMALE BAND #: 2101 06457 EXPECTED HATCH DATE: -
 COLORS (R) 2 / DK B1 # HATCHED, DATE: -
 COLORS (L) 5 o LT B1 / BK FLEDGED/FAIL, #, DATE: fail 5/29/93
 BLOOD SAMPLE # 1071/1992 1+ egg
 FEMALE STAYED/LEFT, DATE: stayed
 LOCATION (GENERAL): 2.55
 LOCATION (SPECIFIC): upper bank below base of small tree.

DATE	TIME	INIT	STATUS
5/24/93	0956	RCT	- ♂ foraging above bait pile 2.5 no LRS.
5/26	0954		♂ SRS, PS S (1st+) of road. 1-10 from ♀.
5/27	0628		lots of LRS (160/15 min by 3 birds) here
5/28	1110		found nest; it was ripped out but in the empty scrape 1 egg remained. I replaced nest in scrape in slim chance they will lay a second egg (ha!)
5/29	1030		intact but egg missing
			— failed — (naturally)

NEST LOG SHEET

NEST ID: 714-43R2

TREATMENT GROUP: C-C

MALE BAND #: 2101 06848

DATE/STATUS WHEN FOUND: ♀ on 4 eggs
6/14/93

COLORS (R) _____

DATE 1st EGG (indicate if backdated): 6/2 bd

COLORS (L) _____

EGGS LAID (indicate if uncertain): 4? probably

BLOOD SAMPLE # _____

DATE INCUBATION ONSET (indicate if bd): 6/5 bd

IMPLANT REMOVED (Y/N), DATE: _____

FEMALE BAND #: 2101 06457

EXPECTED HATCH DATE: _____

COLORS (R) Red/Dk B

HATCHED, DATE: 4, 6/16/93

COLORS (L) 50 Lt Bl/Blk

FLEDGED/FAIL, #, DATE: 6/29/93 fledged 4

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 2.6 mi from 513 ~ middle of sharp curve (half way down)

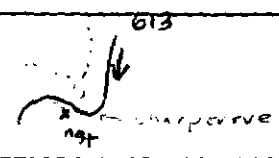
LOCATION (SPECIFIC): upper bank where very uneven. ~

DATE	TIME	INIT	STATUS
6/14/93		RCT	♀ flushed off 4 eggs clipped to window.
6/16	1059	RCT, RP	♀ fl. off 3 nestlings day 0, 1 pipping egg.
6/27		RCT	yg still in nest, very large
6/28	0915	RCT	4 ygs still in nest - look ready to fledge any minute!
6/29		RP, RCT	2 ygs still in nest - others probably fledged
1		RCT	nest empty, droppings on side indicate successful fledging.
6/30		RCT	ad. chip in area of nest

NEST LOG SHEET

NEST ID: 714-43R2II TREATMENT GROUP: CC
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: grass
 COLORS (R) _____
 COLORS (L) _____ DATE 1st EGG (Indicate if backdated): 7/7/93
 BLOOD SAMPLE # _____ # EGGS LAID (Indicate if uncertain): 3
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (Indicate if bd): 7/9/93
 FEMALE BAND #: _____ EXPECTED HATCH DATE: 7/20/93
 COLORS (R) _____ # HATCHED, DATE: _____
 COLORS (L) _____ FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 2.6 mi from 013
 LOCATION (SPECIFIC): 14 steps past right pull off (s)



DATE	TIME	INIT	STATUS
7/5/93	1000	RCT	start four in - could be old but I didn't notice before (highly unlikely) grass cup.
7/6	0821		some deer hair - don't believe this was here yesterday.
7/7		RCT	total 1 egg! nest was never "finished looking".
7/16		RP, JB	3 eggs
7/19		LC	7 off 3 eggs
7/22		LC	7 off 3 Day 0 or 1 nestlings
7/27		LC	Banded & bled 3 Day 6 nestlings

NEST LOG SHEET

NEST ID: 714-45

TREATMENT GROUP: C-C

MALE BAND #: 2000 94006

DATE/STATUS WHEN FOUND: 5/27/93 4 yg

COLORS (R) Lav o S

9 days old

COLORS (L) Ltgrn

DATE 1st EGG (indicate if backdated): 5/3/93 bd

BLOOD SAMPLE # 1694

EGGS LAID (indicate if uncertain): 4?

IMPLANT REMOVED (Y/N), DATE: n/a

DATE INCUBATION ONSET (indicate if bd): 5/6 bd

FEMALE BAND #: 2021 - 09377

EXPECTED HATCH DATE: —

COLORS (R) Yel

HATCHED, DATE: 4?, 5/18/93, bd.

COLORS (L) S o Dkgrn o Wine

FLEDGED/FAIL, #, DATE: fledged 1/

BLOOD SAMPLE # 1696

FEMALE STAYED/LEFT, DATE: stayed

LOCATION (GENERAL): 1.3 mi from 613

LOCATION (SPECIFIC): ~30 mNE of road just crest of hill (outcrop); in dark area where hemlock branches touch ground.

DATE	TIME	INIT	STATUS
5/27/93	1030	RCT	found nest w/4 yg, ~day 9. Set net and recap. ♂. B+B ♂, 4 yg. all yg. went back into nest. also MHC, RP - bled, banded
5/28/93	0600		2 adults chipping; opened net
	0610		caught ♂. did not measure;
	0615		caught ♀. bled.
6/2	0730	RCT et al	♀ chirp by fledges, apparently, by road - check nest for signs of fledging
6/30		RCT	♀ with 2 begging very mature fledglings, apparently from this nest (other (later) nest failed)

NEST LOG SHEET

NEST ID: 714-45 II

TREATMENT GROUP: CP

MALE BAND #: 2000 94006

DATE/STATUS WHEN FOUND: 6/10/93 5 eggs

COLORS (R) Lav o S

COLORS (L) Ltgrn

BLOOD SAMPLE # 1694

IMPLANT REMOVED (Y/N), DATE: n/a

♀ incub

DATE 1st EGG (indicate if backdated): 6/4/93 bd

EGGS LAID (indicate if uncertain): 5

DATE INCUBATION ONSET (indicate if bd): 6/7/93 bd

FEMALE BAND #: 2021-09377

EXPECTED HATCH DATE: -

COLORS (R) Y

COLORS (L) 5 o DKgrn o Wine

BLOOD SAMPLE # 1696

FEMALE STAYED/LEFT, DATE: Stayed

HATCHED, DATE: 5, 6/19/93

FLEDGED/FAIL, #, DATE: failed 5 6/28

(+1 yg from 2.0)

LOCATION (GENERAL): 1.3 miles from 613

LOCATION (SPECIFIC): base of rocky outcrop on right (opposite soil mounds) site of an old nest. Under clump of grass flag opp.

DATE	TIME	INIT	STATUS
6/10/93		RP, RCT	♀ flushed off when we drove by - from high up. ♂ saw her flush 45 min earlier from low on bank. ♀ chipped vigorously from middle of road, 3 m away.
6/16	1004	RP	♀ flushed off 5 eggs
6/17	0751	RP	5 eggs
6/22	1100	RP, RCT	5 young in nest. day 3.
6/24	1015	RCT	added 2 38II yg to nest 0814 5Ys in nest, ♀ chip, then fed RP
6/25	1000	RCT/AS	♀ chipping on rd; ♂ above nest, bands seen. Removed 1 (+38II) 2.0 young - put elsewhere. 7 Ys were in nest now 6
	1600	U	banded & bled 4 nestlings - banded 5 th one but was too small to bleed (mass 9.4)
6/27	0735	EAS	♂ and ♀ chipping at nest
6/28	0758	RP RP	predated - 1 ad. chipping, lining not very torn * see below (6/29); ♀ chipped, then flew down to 1.2
6/29	0930	RCT	looking at predated nest - found "2.0" nestling leg, also red/orange color band. likely that all were eaten. ♀s 100' away with older fledglings from previous nest
6/30	0723	RP	reports fresh nest start see 45 IIR
7/3	-	RCT	start not used as of 2/3

failed

NEST LOG SHEET

NEST ID: 714-45 IR TREATMENT GROUP: CC
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: 7/4/93 2 eggs
 COLORS (R) _____ ♀ on
 COLORS (L) _____ DATE 1st EGG (indicate if backdated): 7/3/93 bd
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): _____
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): _____
 FEMALE BAND #: 2021-09377 EXPECTED HATCH DATE: _____
 COLORS (R) Yel # HATCHED, DATE: _____
 COLORS (L) So DRgen o Wine FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # 1696
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): 1.3 miles from 613
 LOCATION (SPECIFIC): 5m past crest of hill @ rocky outcrop; right bank. 1/2 way up
flag opp + below

DATE	TIME	INIT	STATUS
7/4/93		RCT	♀ flushed off 2 junco eggs
7/6	0859		♀ flushed off 4 eggs - they are big and whitish.
7/7	0915		♀ on
7/16		RCT	♀ flushed off 4 eggs
7/19		LC	4 ~ Day 1 nestlings

"NO KNOWN NEST" BIRDS

TREATMENT GROUP C-C STATUS _____

LOCATION 714 1.3 mi

DATE FOUND 5/12/93 STATUS WHEN FOUND _____

FEMALE:
BAND # 2 recess occ. et 5/24/93

COLORS _____

MALE:
BAND # 2000 94006

COLORS Lav = S (R) Ltgrn (L)

DATE	COMMENTS
5/12/93 1045	First time observed since 1989. LRS behind rocks, then forage on road. walks to E with 2W ♂ (1.35) accompanying through woods (focal ♂ watch). This ♂ banded 6-5-89 @ 1.0 mi, held as lure in 1989.

- see 714-45 -

NEST LOG SHEET

NEST ID: 714-46 ✓ TREATMENT GROUP: C-C
 MALE BAND #: 2101-06116 DATE/STATUS WHEN FOUND: ♀ on 4 eggs
 COLORS (R) 5 5/27/93
 COLORS (L) 2 wh DATE 1st EGG (indicate if backdated): 5/13 bd
 BLOOD SAMPLE # 1992 # EGGS LAID (indicate if uncertain): 4?
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): _____
 FEMALE BAND #: 2131-14504 EXPECTED HATCH DATE: _____
 COLORS (R) Ltgrn # HATCHED, DATE: 5/29/93 (4)
 COLORS (L) w/Ltgrn o S FLEDGED/FAIL, #, DATE: 6/4/93 failed,
 BLOOD SAMPLE # 1446
 FEMALE STAYED/LEFT, DATE: stayed
 LOCATION (GENERAL): ~50 m before green gate @ 1.38 miles from 613
 LOCATION (SPECIFIC): under mossy rock ~22 m from road flag

DATE	TIME	INIT	STATUS
5/27/93	0810	RCT	♀ flushed off nest, 4 junco eggs
5/29	1144		♀ flushed off 4 one day old young, no ♂ seen
6/4	1425		failed - nest lining messy but not ripped out. No shells. A ♂ sang n LRS ~40 m away. ♀ not seen
			_____ failed _____ (naturally)

NEST LOG SHEET

NEST ID: 714-46R2 TREATMENT GROUP: C-C
 MALE BAND #: 2101 06116 DATE/STATUS WHEN FOUND: 4 eggs
6/23/93
 COLORS (R) 5
 COLORS (L) 2 wh DATE 1st EGG (indicate if backdated): 6/17 bd
 BLOOD SAMPLE # 1992 # EGGS LAID (indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: nia DATE INCUBATION ONSET (indicate if bd): bd
 FEMALE BAND #: 2131 - 14504 EXPECTED HATCH DATE: -
 COLORS (R) lt grn # HATCHED, DATE: ~ 7/2/93
 COLORS (L) wh/lt grn 5 FLEDGED/FAIL, #, DATE: fledged
 BLOOD SAMPLE # 1446
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): < 1.4 mi, just before green gate (= "1.35")
 LOCATION (SPECIFIC): _____

DATE	TIME	INIT	STATUS
6/23	0930	RP, JAH	4 eggs in new nest by old nest starts. ♀ seen, (C) bands noted.
6/24	0835	RCT	♀ on 4 eggs
6/25	0749	RCT	♀ "
6/27	0752	RCT	♀ on
6/28	0758	RCT	♀ on
6/29	17	RCT	added 1 j. egg to nest (from 714-41 II). ♀ was on 4 eggs.
6/30	0742	RCT	♀ on - not flushed
7/3		RCT	♂ with food above nest 2w bands seen.
7/5		RP	eggs nestlings mass of 1 = 6.6 (day 3-4). banded + bled nest looks fledged

"NO KNOWN NEST" BIRDS

TREATMENT GROUP C-C STATUS paired to UB ♀

LOCATION 714 1.35 mi

DATE FOUND 4/8/93 STATUS WHEN FOUND _____

FEMALE:

BAND # ?

COLORS _____

MALE:

BAND # 2101-06116

COLORS S (R) 2W (L)

DATE COMMENTS

4/8/93	1000	♂ on ground by UB ♀ 1.4 mi. see notes (RCT)
4/19, 23; 5/1, 8, 24-		nest depressions (3), some ^{are} starts with rough fibers. renew built in to their point at least
4/19	1530	Acts like Utzgn's mate - ♀ gives short trills, ?S (see focal ♂ watch)
5/11	1030	♂ at 1.4 with 1:4 ♀

NEST LOG SHEET

NEST ID: 714-47 TREATMENT GROUP: C.C
 MALE BAND #: UB DATE/STATUS WHEN FOUND: moss 6/27/93
 COLORS (R) _____
 COLORS (L) _____ DATE 1st EGG (indicate if backdated): 7/1/93
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 7/4/93
 FEMALE BAND #: 2131-1459 EXPECTED HATCH DATE: 7/16/93
 COLORS (R) Lav & Red # HATCHED, DATE: _____
 COLORS (L) Wh/Ltgrn & S FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): 2.75 miles from 613
 LOCATION (SPECIFIC): left bank, Playa opposite

DATE	TIME	INIT	STATUS
6/27/93	0906	EAS	♀ flushed off ^{moss} . Did not want to disturb much so left unidentified.
6/28			1 loss cup
6/29			cup not quite finished ♀ in hen lock, unbanded?
6/30		RP	completely lined nice cup
7/1			1 egg
7/2			
7/3		RCT, DE	♀ flushed off 3 eggs; unbanded
7/6	0830	DE	♀ flushed off 4 eggs.
7/		JO, RP	♀ caught w/ net by nest. ♂ seen by not so responsive
7/16		RCT, RP, JO	♀ on .
7/19		LC	nest torn out

~~~~~ failed ~~~~~

"NO KNOWN NEST" BIRDS

TREATMENT GROUP C-C STATUS \_\_\_\_\_

LOCATION 714 1.2 mi

DATE FOUND 4/8/93 STATUS WHEN FOUND pair together

FEMALE:

BAND # 2131 14503

COLORS Lav<sup>Ⓜ</sup>W / Ltgrn o S<sup>Ⓜ</sup> blood sample 1445

MALE:

BAND # 2101 06883

COLORS Ltgrn / R o S Ltgrn blood sample 1464

DATE COMMENTS

- 4/8 sighted pair - ♂ sing IRS by ♀
- 4/14 ♀ banded (but not seen ~~until~~ 4/20 to 5/24)
- 4/20 Lav R "w" o S<sup>Ⓜ</sup> & unid. ♂ at 1.2 bait pile
- 4/16 1220 recaptured ♂ @ 1.2 was 409 #18
- 5/15 fresh scrape by bait pile
- 5/24 no progress
- 6/30 This pair not seen since ↑.

"NO KNOWN NEST" BIRDS

TREATMENT GROUP C-C STATUS \_\_\_\_\_

LOCATION 714 1.25 mi.

DATE FOUND 4/12/93 STATUS WHEN FOUND \_\_\_\_\_

FEMALE:

BAND # \_\_\_\_\_

COLORS Y-(R) S o DK grn o R (L)

wing

MALE:

BAND # 2101-06877

COLORS Lt grn/Brown o S(R) Lt grn (L)

DATE COMMENTS

4/12/93 110 ♀ sighted at 1.2 mi.

4/14 ♂ gives 15 min of SRS to silent ♀; other junco Lt grn ♂ is < 10m away "observing" (from 1.2 miles) - ♂ from 409 (released 6/6/92)

4/15 0829 ♂ QLR, ♀ ~ 10 m away

4/19 1636 pair close together by bait

4/20 1435 focal ♂ watch. pair 1-3 m apart. Flew to NNW by rocks, ♀ holding nesting material in bill. Looked but could not find nest.

4/27 1200± pair interact w/ 1-1 pair. This ♀ gave wing flutters

4/29 1024 ♀ sighted at 1.2

5/10 - ♂ at bait pole w/ Y(R) S o DK grn o R (L) (this ♀). sang QLR

5/28 see 714-45. ♀ mated to 1.3 ♂ (714-45). Did 06877 die or never actually paired, or ♀ "left"?

6/30 ♂ not seen since 5/10; ♀ still mated to 1.3 ♂ (law). RCT

NEST LOG SHEET

NEST ID: 714-48 TREATMENT GROUP: CC  
 MALE BAND #: LP DATE/STATUS WHEN FOUND: Fledged; 7/6/93  
 COLORS (R) \_\_\_\_\_  
 COLORS (L) \_\_\_\_\_ DATE 1st EGG (Indicate if backdated): \_\_\_\_\_  
 BLOOD SAMPLE # \_\_\_\_\_ # EGGS LAID (Indicate if uncertain): \_\_\_\_\_  
 IMPLANT REMOVED (Y/N), DATE: \_\_\_\_\_ DATE INCUBATION ONSET (Indicate if bd): \_\_\_\_\_  
 FEMALE BAND #: 2131-14503 EXPECTED HATCH DATE: \_\_\_\_\_  
 COLORS (R) Lav # HATCHED, DATE: \_\_\_\_\_  
 COLORS (L) wh/ltgrn o S FLEDGED/FAIL, #, DATE: Fledge ~ 6/25  
 BLOOD SAMPLE # 1445 (rough estimate)  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_  
 LOCATION (GENERAL): 1.2 miles from 613  
 LOCATION (SPECIFIC): low point in road, opposite hemlock, pair downhill

| DATE   | TIME | INIT | STATUS                                                                                                    |
|--------|------|------|-----------------------------------------------------------------------------------------------------------|
| 7/6/93 |      | RCT  | ♀♂ by fallen log, flew up chipping. Needs further investigation. Also in area are 4+ UB large fledglings. |
| 7/7/93 | 0910 | RCT  | pr. w/ fledges 50' N of this area. No nest seen along rd. bank - did not walk downhill.                   |
| 7/16   | 0830 | RCT  | pr. not seen in area                                                                                      |



"NO KNOWN NEST" BIRDS

TREATMENT GROUP C-C STATUS unbanded, unknown

LOCATION 2.75mi

DATE FOUND 4/24 STATUS WHEN FOUND  
unbanded

FEMALE:

BAND # unbanded

COLORS \_\_\_\_\_

MALE:

BAND # unbanded

COLORS \_\_\_\_\_

DATE      COMMENTS

4/19 0923 - ♂ sing LRS much by road, but not seen.

4/24 0910 - UB ♂, ♀ observed. ♂ puffy, SRS 3-10 from ♀.

5/13 1038 - ♂ LRS by road. Flew toward #43 ♂ who was singing SRS.

6/15 - not seen since ↑

7/3 - see 714-47 - probably same (unbanded) pair

NEST LOG SHEET

NEST ID: 714-44 TREATMENT GROUP: C-C  
 MALE BAND #: 2101 06834 DATE/STATUS WHEN FOUND: moss + sticks 5/21/93  
 COLORS (R) Blk o S  
 COLORS (L) DK grn DATE 1st EGG (indicate if backdated): 5/26/93  
 BLOOD SAMPLE # 1603 # EGGS LAID (indicate if uncertain): 4  
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (indicate if bd): 5/29/93  
 FEMALE BAND #: 2131 14540 EXPECTED HATCH DATE: 6/10/93  
 COLORS (R) Y/Blk o Crg # HATCHED, DATE: 4 6/9/93 bd/estimated  
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: by day "4" mass  
 BLOOD SAMPLE # 1792  
 FEMALE STAYED/LEFT, DATE: stayed  
 LOCATION (GENERAL): 2.8 mi by Butt Mt. sign  
 LOCATION (SPECIFIC): post sign m, left bank, rim of well-vegetated dugout

| DATE    | TIME | INIT     | STATUS                                                                                                                                                     |
|---------|------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/21/93 | 1058 | RCT      | ♀ carried moss > 50m. I followed, found start - large but precarious. twigs and moss believe this to be second nest attempt, with first in woods, unfound. |
| 5/22    | 1040 | RCT      | focal male watch sang SRS and QLR within ~1m of ♀ at bait pile.                                                                                            |
| 5/23    | 1624 | RCT      | nest a little more built.                                                                                                                                  |
| 5/23    | 1624 | RCT      | Real nest found 2' from above. Abutts steep clay surface; vetch in front. lined, some hair. no adult                                                       |
| 5/19    | 0938 | RCT      | This ♂ is #44 from 409; with dull-colored unbanded ♀; did "parallel walk" with 2.75m; ♀ > 10 m away; later this ♂ sang SRS w/ ♀ 1-3 m away                 |
|         | 1042 |          | nest scrape (not used by 5/19) found                                                                                                                       |
| 5/24    |      |          |                                                                                                                                                            |
| 5/25    |      |          |                                                                                                                                                            |
| 5/26    | 0818 |          | 1 egg                                                                                                                                                      |
| 5/28    | 1115 |          | 3 eggs                                                                                                                                                     |
| 5/29    | 1037 |          | 4 eggs ♀ on - she flew w (down road)                                                                                                                       |
| 6/1     |      |          | ♀ flew off 4 eggs. ♂ singing by sign                                                                                                                       |
| 6/6     | 1108 |          | ♀ chirp by nest. 4 eggs. ♂ sing + LRS                                                                                                                      |
| 6/15/93 | 1130 | Zig, RCT | band + bleed 4 yg. Adults very chippy. Yg - slightly light masses, but appear healthy.                                                                     |

NEST LOG SHEET

NEST ID: 714-44 II TREATMENT GROUP: CC  
 MALE BAND #: 2101-06 DATE/STATUS WHEN FOUND: \_\_\_\_\_  
 COLORS (R) Blk o S  
 COLORS (L) Dkgrn DATE 1st EGG (Indicate if backdated): \_\_\_\_\_  
 BLOOD SAMPLE # \_\_\_\_\_ # EGGS LAID (Indicate if uncertain): \_\_\_\_\_  
 IMPLANT REMOVED (Y/N), DATE: n/a DATE INCUBATION ONSET (Indicate if bd): \_\_\_\_\_  
 FEMALE BAND #: 2131-145 EXPECTED HATCH DATE: \_\_\_\_\_  
 COLORS (R) Yel/Blk o Org # HATCHED, DATE: \_\_\_\_\_  
 COLORS (L) Wh/Ltgrn o S FLEDGED/FAIL, #, DATE: \_\_\_\_\_  
 BLOOD SAMPLE # \_\_\_\_\_  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): \_\_\_\_\_

LOCATION (SPECIFIC): \_\_\_\_\_

| DATE   | TIME | INIT | STATUS                                                                       |
|--------|------|------|------------------------------------------------------------------------------|
| 7/5/93 |      | RCT  | pair chip with fledglings, ~2.75 mi - at bait pile area (unbaited)           |
| 7/6    |      |      | uphill by + intersection                                                     |
| 7/7    |      |      | pr. chip by old nest, with <u>2</u> <u>dkbl</u> fledge and <u>UB</u> fledge. |