Indiana University Bloomington
IUScholarWorks

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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For additional information, visit the Ketterson/Nolan Lab community on the IUScholarWorks repository

NEST LOG SHEET

NEST ID: GD 50R
TREATMENT GROUP: I
MALE BAND #: 2181 87239
DATE/STATUS WHEN FOUND: 6/18
COLORS (R) Solaro dk61
♀ on - 3 eggs
COLORS (L) dk61/W
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 4709
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 2171-05211
EXPECTED HATCH DATE: unkn
COLORS (R) 2 reds
HATCHED, DATE:
COLORS (L) red o S
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 4565
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): GD powercut (~1/3 up the open powercut section of rd)
LOCATION (SPECIFIC): on uphill rd bank, ~1 ft up bank

DATE	TIME	INIT	STATUS
6/18	1032	ES	♀ flushed off 3j eggs, she chipped (bands - 2red(R) redoS(L)), A ♂ flew in almost right away and chipped along side her, (he's Solarodk61(R) dk61/W(L))
6/19	0800	EC	♀ flushed off 3e
6/21	900	BDG	3e. Female chipping nearby.
6/23	1005	EC	♀ flushed off 3e
6/25	0905	EC	♀ off; 1 nestling (weighed, etc.) + 2 junco eggs; nestling age est. as d1
6/26	0820	EC	♀ flushed; 1 nestling + 2 unhatched junco eggs (removed and put in lab refrigerator)
6/27	1550	ES/DH	weighed/measured/marked/bled for dNA + sex the nestling
6/30	13:45	BDG	weighed, measured, banded Nestling. ♀ chipped.
7/3	1007	ES	nest empty, lining undisturbed — ~1/2 m up the rd from nest found several junco wing and tail feathers, and small clumps of body feathers spread out in a long line heading uphill. ∴ Some junco was eaten ~1/2 m the rd from nest

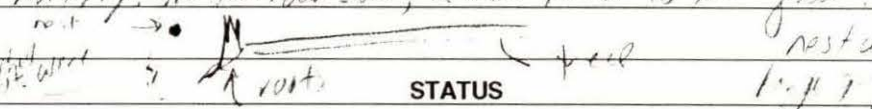
— Failed —

NEST LOG SHEET

NEST ID: GD50	TREATMENT GROUP:
MALE BAND #:	DATE/STATUS WHEN FOUND: 4 eggs [illegible] eggs [illegible] 5/10
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 #: 217105211	EXPECTED HATCH DATE: [illegible]
COLORS (R) 2 red [illegible] - R	# HATCHED, DATE:
COLORS (L) red O [illegible] - L	FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 4565	
FEMALE STAYED/LEFT, DATE:	

LOCATION (GENERAL): GDR where power cut crossed, uphill, [illegible] fall

LOCATION (SPECIFIC): follow red flag, [illegible] on road side, 2 more [illegible] to [illegible] fell. nest under [illegible]



DATE	TIME	INIT	STATUS
5/10/??	1830	EK	4 white [illegible] incubated eggs, ♀ on, ♂ not [illegible], ♀ clipped [illegible] a long [illegible]
5/1?	1200	EK	— Nest Failed

NEST LOG SHEET

NEST ID: 6DR 7

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 6/10

COLORS (R): complete nest

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 #:

EXPECTED HATCH DATE:

COLORS (R):

HATCHED, DATE:

COLORS (L):

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): 6DR

LOCATION (SPECIFIC): ~20m past powercut, 1ft down downhill bank under grass tussock

NOTE: ~2m down the rd from the 6DR nest found 6/4 (nestlog [illegible])

DATE	TIME	INIT	STATUS
6/10	0810	ES	complete nest. Its fresh I know for a fact because I have checked this exact spot in weeks prior and it was just a dirt hollow
6/11	10:45	BDG	2 eggs present. They both look like Junco eggs to me. However the pigmentation is slightly darker on 1 of the eggs.
	16:50	BDG	I brought both eggs back to lab for weighing.
6/12	16:30	BDG	Only the 2 original eggs in nest. I brought both back to lab to weigh.
6/13	16:00	BDG	Only the 2 original eggs in nest. I did not touch them.
6/14	1500	BDG	still only 2 original eggs in nest. I removed them for use as dummy eggs.

Failed

NEST LOG SHEET

NEST ID: ?

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 6/4/99 laying - 1st egg

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 #:

EXPECTED HATCH DATE:

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): GDR

LOCATION (SPECIFIC): on roadbank ~20 m past powercut, midway up uphill bank

DATE	TIME	INIT	STATUS
6/4	934	ES	1 junco egg marked "1"
6/5	11:00	BDG	still only egg 1. Parents absent
6/6	14:30	BDG	" " " " " "
6/7	10:00	BDG	" " " " " "

NEST LOG SHEET

NEST ID: WVS 415 R2
TREATMENT GROUP: I
MALE BAND #: 2181 87202
DATE/STATUS WHEN FOUND: 7/6
COLORS (R) Solavo dk bl — 4 nestlings - ~d10
COLORS (L) yel/dk bl
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 4577
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 2171 05014
EXPECTED HATCH DATE:
COLORS (R) 2 blk
HATCHED, DATE:
COLORS (L) dk bl o S
FLEDGED/FAIL, #, DATE: 4 fledged 7/7
BLOOD SAMPLE # 4574
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WVS tag 23
LOCATION (SPECIFIC): ~6m past tag 23, a few ft downhill, under a small bow (back)

DATE	TIME	INIT	STATUS
7/6	935	ES	saw both parents (bands seen as above) w/ food, nest has 4 nestl (~d10)
7/7	1120	ES	fledging day - 4 fledged (est ~d11) ♂ and ♀ clipped (didn't ID) weighed/measured/banded/bled for DNA + sex ratio

4 fledged

NEST LOG SHEET

NEST ID: WVS 415 R

TREATMENT GROUP: I

MALE BAND #: 218187202

DATE/STATUS WHEN FOUND: 5/27/99 Nest complete w/ 5 Junco eggs

COLORS (R) S clar o DK bl

COLORS (L) yel/dK bl

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # 4577

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 217105014

EXPECTED HATCH DATE:

COLORS (R) 2 blK

HATCHED, DATE:

COLORS (L) DK bl o Silver

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4574

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): Bank on south side of road at WVS tag 2

LOCATION (SPECIFIC): Almost directly opposite tree with tag 23 on it. High on bank, under small flag, Just below fallen log

DATE	TIME	INIT	STATUS
5/27/99	09:00	BDG	I found a nest with 5 Junco eggs in it. I backed off and watched. ♀ showed up within 20 minutes and started incubating. I flushed her off nest to get her colors.
5/31/99	09:[illegible]	BDG	I measured, weighed, and [illegible] all 5 nestlings [illegible] identified the ♂ as above.
	13:15	EC/BDG	bled 5 nestlings; EC took two back to the lab to do mouth color - those two out of nest for ~1.5 hr
6/1/99	08:00	BDG	looked from a distance w/ binoculars. I could see little red mouths begging
6/3/99	14:30-17:30	JMC/EC	Tried to trap out female so Ethan could do ligature study. No luck catching ♂ or ♀.
	1900	JMC	Banded 4 Nestlings and did 1st ½ of PHA test.
6/4	1900	JMC	only Two Nestlings left in Nest (217105297 + 05298) the other 2 (05299 + 05300) were no where to be found.
6/7	9:00	ES	saw 2 nestl. in nest, one was [illegible] on nest edge
6/7	10:15	BDG	Nest empty. Both parents present and chipping.
			or Fail
6/8	11:00	BDG	I saw this pair at WVS tag 23. The ♂ was singing and the ♀ had nest material. No fledglings seen.

NEST LOG SHEET

ST ID: WVS

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 2171 05014

COLORS (R) 2 blk

COLORS (L) dk blu S

BLOOD SAMPLE # 4574

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: building - rootlets/moss ring 5/4/99

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 24+

LOCATION (SPECIFIC): High in uphill bank (very near top of bank) under grasses.

DATE	TIME	INIT	STATUS
5/4	834	ES	♀ flew from bank, chipped, nest w/ moss ring topped w/ rootlets I watched ♀ forage (saw 2 blk(R) dk blu S(L)) no ♂ seen for ~10min then I lost her

NEST LOG SHEET

NEST ID: WVS 415

TREATMENT GROUP: I

MALE BAND #: 2181-87202

DATE/STATUS WHEN FOUND: 3eggs, 2CB, 1J

COLORS (R): So/avodkbl

COLORS (L): yel/dkbl

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE #: 4577

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 2171-05014

EXPECTED HATCH DATE:

COLORS (R): 2blk

HATCHED, DATE:

COLORS (L): dkbl OS

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #: 4574

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS ~ tag 24, high on bank just at end of [illegible]

LOCATION (SPECIFIC): see pink flag opposite, [illegible] red/black flag at nest

DATE	TIME	INIT	STATUS
5/6/99	1045	CK	followed ♀ [illegible] fed in power cut, was [illegible] by ♂ SOdkbl-R yel/dkbl-L - no [illegible] [illegible] suspect ♀ still laying [illegible] eggs [illegible] with "1" I [illegible]
5/7/99	0810	ES	didn't see ♀ go to nest, I was baiting the net site @ tag 28 and saw [illegible] this pair feeding together on bank @ tag 27. Saw bands of female well 2blk Ⓡ dkbl os Ⓛ Not 100% sure of ♂ but I saw So dkbl Ⓡ and a split band on Ⓛ yel/dkbl or [illegible] This ♂ is most likely 2181-87202 (banded as Solavodkbl Ⓡ yel/dkbl Ⓛ) at @ WVS tag 28 net several times
	1400	[illegible]	1 CB in nest [illegible]
	1800	ES	1 CB egg in nest
5/8/99	1500	BDG	No eggs present.
			— Failed —
5/9	1620	ES	Saw Solavodkbl Ⓡ yel/dkbl Ⓛ feeding @ bait WVS tag 28 net.

NEST LOG SHEET

NEST ID: WVS 417R2

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND:

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 #: 218187077

EXPECTED HATCH DATE: 6/22

COLORS (R) LtBC/Red

HATCHED, DATE: 2 on 6/22

COLORS (L) S o Y o R

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4573

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 62

LOCATION (SPECIFIC): directly across from tag 62 (tag is in magnolia tree) on uphill bank

DATE	TIME	INIT	STATUS
6/10/99	1000	EC	♀ flushed off of 3e (♀ is SoYoR (L) LtBC/Red (R)), no ♂ around
6/11/99	1000	BDG	♀ flushed off of 4e.
6/14	1330	BDG	♀ off nest. Eggs felt warm. ♀ chipped at me from near by. 4e.
6/17	1130	BDG	♀ flushed off despite QPC technique
6/20	1300	BDG	♀ on. QPC
6/22	1508	FS	♀ flushed off 2 nestlings d0 (weighed/measured/marked) + 1 egg
6/23	1025	EC	♀ flushed off 3 nestlings; last nestling weighed, measured (d0)
6/25	0915	EC	nest empty; nest cup undisturbed
			FAILED
6/30		EK	♂ sings loudly from dead tree at [illegible] tag 62 against [illegible] way high [illegible] bank

NEST LOG SHEET

NEST ID: WVS 417R

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 2 junco eggs + 1 cowbird egg

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 #: 218187077

EXPECTED HATCH DATE:

COLORS (R) LtBl/Red

HATCHED, DATE:

COLORS (L) S o Y o R

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4573

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 63

LOCATION (SPECIFIC): ~10 m South of nest @ tag 63, directly across from "Warning" sign; ~1m up uphill bank

DATE	TIME	INIT	STATUS
5/22	0900	EC	formed nest w/ 2 junco eggs + 1 cowbird egg; both parents seen nearby
5/23	1600	EC	3 junco eggs + 1 cowbird egg; ♀ ♂♂
5/24	8:30	BDG	4 Junco eggs + 1 cowbird egg.
5/25	0700	EC	♀ flushed ♂♂; 3 junco eggs + 1 cowbird egg; cowbird egg removed
5/27	10:30	BDG	3 Junco eggs. ♀ absent.
[illegible]	[illegible]	[illegible]	2 j eggs; ♀ absent, eggs cold
5/31	11:00	BDG	Nest empty. 1 egg broken in half ~~about~~ lying about 6 inches from nest. No teeth marks on shells. Another egg with a small (1/8") puncture hole in side. This egg was about 12 inches away from nest. I suspect a cowbird is to blame.

Failed

NEST LOG SHEET

NEST ID: WVS 4/7

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 4 Nestls on 5/9

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 #: 2/8/87077 [illegible]

EXPECTED HATCH DATE:

COLORS (R) Ltbl/Red! (or Red/Ltbl Confirm)

HATCHED, DATE:

COLORS (L) S o Yel o Red

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): 20m downhill of WVS net 63

LOCATION (SPECIFIC): In rootball on lake side

DATE	TIME	INIT	STATUS
5/9/99	0945	[illegible]	4 Nestls. Weighed, measured, + marked all. Both parents chipping.
5/11/[illegible]	1115	[illegible]	[illegible] torn out of tree root, upside down on ground, no sign of [illegible] Nestlings
			—— Failed ——

NEST LOG SHEET

NEST ID: WVS 418
TREATMENT GROUP: I
MALE BAND #: 218186659
DATE/STATUS WHEN FOUND: ♀ incubating 4 Junco eggs
COLORS (R) red o S
COLORS (L) 2 white
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 4544
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 218186815
EXPECTED HATCH DATE:
COLORS (R) org/white
HATCHED, DATE:
COLORS (L) S o ltbl o yel
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 4534
FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): 20 m West of WVS tag 40.

LOCATION (SPECIFIC): Flag #1 is @ WVS tag 40. Go 10 M west to the edge of steep bank to find ~~tag~~ flag #2. Nest is ~8 meters West (down hill) from flag #2. Nest is 3 beyond root mat. Nest is @ base of rhododendron tree.

DATE	TIME	INIT	STATUS
5/10/99	14:30	BDG	I found the nest by flushing the female off of 4 Junco eggs. I think the eggs are fairly fresh as they were not yet opaque in appearance.
5/12/99	16:00	BDG	I flushed the female off the nest and discovered that 3 of the 4 eggs had hatched. I marked, weighed, and measured the nestlings. The 4th egg looks like it will hatch soon.
5/13/99	11:05	BDG	Four nestlings in nest this mourning. I measured and weighed the forth. ♀ was chipping at me. ♂ absent.
5/14/99	16:30	BDG/EC	We remarked, measured, and weighed the nestlings. All 4 of them remain. The ♀ was off the nest when we arrived. She appeared within a few minutes and chipped at us. The ♂ never showed. We did hear a ♂ singing near the nest. I watched, and I D him this evening.
5/15/99	16:30	BDG	I watched the ♂ feeding his nestlings, positive ID (21818659 red o S (R), 2 white (L)).
5/17/99	1100	EC	Nestlings still OK, but didn't get close enough to count (~10 m)
5/18/99	0800-1130	EC/BDG	put up net @ 0800, caught ♀ @ 0900, put ligatures on nestlings from 0920-1130 (released ♀ @ 1030)
5/18/99	1400	BDG/EC	banded and bled 4 nestlings ← 5/19 EC did ligatures on nestlings
5/22/99	9:45	BDG	The nest was torn from the bank. I found one nestling's foot with a blk/ltbl band attached. Also found band # 21705133.

Failed

NEST LOG SHEET

NEST ID: WVS 419

TREATMENT GROUP: I

MALE BAND #: 2181-87237

DATE/STATUS WHEN FOUND: ♀ on 3 eggs, fresh expect egg 4 tomorrow

COLORS (R) solar o/ltbl - R

COLORS (L) dk bl/white - L

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # 4709

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 2171-05013

EXPECTED HATCH DATE:

COLORS (R) yel - R

HATCHED, DATE:

COLORS (L) dkbl OS - L

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4569

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): powerline below GDR, [illegible] "old road, [illegible], [illegible]

LOCATION (SPECIFIC): tree fall, nest in roots low, [illegible], [illegible] root hollow

DATE	TIME	INIT	STATUS
5/10/11	1120	EK	flushed ♀ from nest, 3 fresh eggs, [illegible] did not mark, but expect egg 4 tomorrow
5/11	1425	EC/ES	♀ flushed off 3 eggs, confirmed ♀'s bands
5/12	1037	ES	nest empty, lining intact
			— Failed —

pos. 21818735 0 Silver, blk (L) blk/yel (R)

NEST LOG SHEET

NEST ID: WVS 420

TREATMENT GROUP:

MALE BAND #: 2181 86771

DATE/STATUS WHEN FOUND: 4/23/99 Moss ring

COLORS (R) Silver o blk

COLORS (L) ~~[illegible]~~ 2 blk/yel

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # NOT BLED

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: UB

EXPECTED HATCH DATE:

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS 65

LOCATION (SPECIFIC): West bank high under orange flag

DATE	TIME	INIT	STATUS
4/23/99	10:00	DJZ	found Nest, ♂ noted above and unbanded ♀ chipped ~~[illegible]~~
4/29/99	19:00	BDG	Nest consists of moss cup only. No adults present
5/3	PM	ES	no Δ
5/13	AM	ES	nest now has deer hair, saw UB ♀ foraging 5m downhill from nest
5/14	[illegible]	EC	[illegible]
		BDG	no eggs yet
5/[illegible]	[illegible]	EC	[illegible] eggs, nest [illegible] ripped out
			— failed —
[illegible]		[illegible]	[illegible] ([illegible]) [illegible]
6/[illegible]			[illegible]
7/27/96	PM	VN	ct at red condo/rec bank, removed implants

NEST ID: WVS421R

DATE	TIME	INIT	STATUS
6/22	0830	JMC	4 Nestlings Fledged. ♀ caught and bled for antibodies, male caught. Implants OK.
			4 Fledged
6/23	0900	EC	parents seen feeding ≥1 fledgling(s)
6/24	0900	BDG	" " " "
7/3	929	ES	" " " ≥1 fledgling(s)

NEST LOG SHEET

NEST ID: WVS 421 R

TREATMENT GROUP: I

MALE BAND #: 217105002

DATE/STATUS WHEN FOUND: 5/29

COLORS (R) DK bl o S

inc - 4 j eggs

COLORS (L) blK

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # 4509

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 218187320

EXPECTED HATCH DATE: Unkn

COLORS (R) Org/White

HATCHED, DATE:

COLORS (L) SoWoO

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4512

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 29

LOCATION (SPECIFIC): ~3m past tag 29/30 (these 2 tags are right next to each other on telephone pole)
Nest is on E bank, low hidden well under dry grasses

DATE	TIME	INIT	STATUS
5/29	929	ES	♀ flushed off 4 junco eggs, (she's org/w(R) SoWoOD)
5/31	0930	BDG	♀ flushed off 4 Junco eggs. ♂ flew in to Join in the chipping. I possitively Identified him as above.
6/2	0745	EC	♀ flushed off 4e
6/3	0800	EC	"soft" flushed ♀ off 4e
6/5	0900	BDG	♀ flushed off 4e
6/7	1010	BDG	" " " "
6/9	945	EC	♀ flushed off 4e
6/10	1100	EC	♀ flushed off 3 nestl. + 1 egg; 2 measured, marked, weighed 3 nestl ♂ chipping nearby, too
6/12	1000	ES	4 young in nest (did not weigh/measure)
6/13	1000	EC	♀ flushed off 4 nestl. weighed etc., 2 taken (L,N) for month color photos
	1600	EC/BDG	4 nestlings bled for DNA, sex ratio (♀ off)
[illegible]	1500	JMC/EC	Put up mist Net behind Net on Parent-chipped. Nest still Active
6/16	0830-1130	EC/JMC	caught ♂ (2 imps ok), caught ♀; removed ♀ for ~1.5 hr, injected [illegible] KLH & SREC put ligatures on nestlings
	1730	JMC	Banded nestlings and did 1st 1/2 of PHA test.
6/19	0830	EC	nest still active

NEST LOG SHEET

NEST ID: WVS 421 | TREATMENT GROUP: I

MALE BAND #: 2171 05002 | DATE/STATUS WHEN FOUND: 5/13 laying - 1st egg.

COLORS (R): dk b/o S | DATE 1st EGG (indicate if backdated): 5/16

COLORS (L): blk | # EGGS LAID (indicate if uncertain):

BLOOD SAMPLE #: 4509 | DATE INCUBATION ONSET (indicate if bd):

IMPLANT REMOVED (Y/N), DATE: | EXPECTED HATCH DATE: 5/3

FEMALE BAND #: 2181 87320 | # HATCHED, DATE:

COLORS (R): org/W | FLEDGED/FAIL, #, DATE:

COLORS (L): So white o Org

BLOOD SAMPLE #: 4512

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 29

LOCATION (SPECIFIC): ~2½ m past tag 29/30 (these two tags are right next to each other on a telephone pole) Nest is ~2½ m S of this telephone pole - in power cut under flagged grass stalk, nest faces S.

DATE	TIME	INIT	id'd as above STATUS
5/13	0837	ES	Saw ♂ and ♀ @ tag 29, I watched ♀ pick up deer hair on top of large flat boulder, ♂ and ♀ chipped. I found nest start ring of material but no deer hair (so not sure if this is the one she's building) - if not, I feel nest she's constructing is very close by - I watched her from a distance and saw her fly to and from this general location several times - decided to return later as to not upset her too much
5/16	1400	ES	Found nest a m N of the start I described above (from 5/13) ♀ flushed off 1 egg - egg marked "I"
5/17	0900	EC	2nd egg, marked "II"
5/18	12:00	BDG	3rd egg, marked "III"
5/19	18:00	BDG	♀ incubating 4 Junco eggs.
5/20	AM	EC	♀ on nest
5/20	PM	EC	♀ flushed; 4 eggs present
5/23	1600	EC	nest lining pulled out, no eggshells visible
			Failed

nest found →

NEST LOG SHEET

NEST ID: WV-4/6

TREATMENT GROUP:

MALE BAND #: 2171 05002

DATE/STATUS WHEN FOUND: 4eggs [illegible], ♀ inc

COLORS (R) dkbl o S

COLORS (L) blk

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 #: 2181 87320

EXPECTED HATCH DATE:

COLORS (R) org/W

HATCHED, DATE:

COLORS (L) S o W o Org

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS 21 steps south of tag 32

LOCATION (SPECIFIC): low in east bank, red/black flag opposite, [illegible] nest [illegible] screen

DATE	TIME	INIT	STATUS
5/6/11		EL	4eggs ♀ off, eggs mild to warm, fresh
		EK	♀ on, no [illegible]
5/7/11		EL	♀ on, ♂ [illegible] by VN
5/10/11	1100	EL	eggs gone, nest undisturbed looks perfect, no [illegible] [illegible]
			— failed —

NEST LOG SHEET

NEST ID: WVS 422 R

MALE BAND #: 218186808

COLORS (R) DK bl OS

COLORS (L) 2 white/org

BLOOD SAMPLE # 4576

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 311113678

COLORS (R) BlK

COLORS (L) So white o lt bl

BLOOD SAMPLE # NOT Bled

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: Day 5 nestlings 6/15/99

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 43

LOCATION (SPECIFIC): On uphill bank where WP road meets WVS. ~5' behind no parking sign, under small flag

DATE	TIME	INIT	STATUS
6/15/99	1000	BDG	Saw parents with food material while I was envoying my mourning off.
	1500	BDG	I returned and watched as both parents fed nestlings. The ♂ brought 3 caterpillars while the ♀ brought one. I marked, weighed, measured, and bled 4 nestlings. I estimate them to be day 5.
	1700	JMC/EC	Put up mist Net behind Nest. At least one parent scolded us.
6/16/99	1025	JMC	Banded 4 Nestlings and did 1st ½ of PHA test.
6/17	1000	EC	moved net in front of nest
6/19	0820	EC	nest still active
6/21	0910	BDG	nest still active
6/22	0800	JMC	4 Nestlings fledged, only 1 was caught and measured.
			— 4 Fledged —
6/29	PM	ES	saw this ♂ chipping @ WP tag 2
7/1	1945	EC	saw ♀ chipping + feeding young north of boathouse, ∴ at least [illegible] [illegible]
7/3	939	ES	saw ♂ (is [illegible]) feeding ≥2 fledglings

NEST LOG SHEET

NEST ID: WVS 422

TREATMENT GROUP: I

MALE BAND #: 2181 86808

DATE/STATUS WHEN FOUND: 5/13/99

COLORS (R) dkbl .S

inc. 4; eggs

COLORS (L) 2 w/org

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # 4576

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 3111 13678

EXPECTED HATCH DATE: UNKN

COLORS (R) blk

HATCHED, DATE:

COLORS (L) SoWoltbl

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # NOT [illegible] '99

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 44

LOCATION (SPECIFIC): 3m post WVS tag 44 low in bank

DATE	TIME	INIT	STATUS
5/13	1030	ES	♀ flushed off 4 junco eggs, the ♂ flew in and joined her on a perch almost at once. (♂ dkbl.S(R) 2 w/org(L)) (♀ blk(R) SoWoltbl(L) - GD ♀ from last year)
5/16	14:00	BDG	The nest is empty. The nest is still intact and there are no signs of the predator

Failed

NEST LOG SHEET

NEST ID: WVS 423R

TREATMENT GROUP:

MALE BAND #: 217105220

COLORS (R) red o Silver

COLORS (L) DK bl o white

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 218187238

COLORS (R) DK bl/white

COLORS (L) Silver o lav o ltbl

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

DATE/STATUS WHEN FOUND: 5/24/99 partly done w/ grass portion of cup

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE: 6/12

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): ~10 m north of WVS tag 57 net.

LOCATION (SPECIFIC): ~4' up uphill bank, under blackened ferns

DATE	TIME	INIT	STATUS
5/24/99	10:20	BDG	I spotted the ♀ w/grass in her bill. I watched as she built the nest. I possitively identified her. ♂ was present but did not help build nest. I'm 99% sure on his ID. There is a small chance that he could have been white o DK bl on left.
5/26/99	8:50	BDG	Deer hair lining almost complete. Parents absent.
5/27/99	9:30	BDG	Deer hair lining complete. Parents absent.
5/28/99	1300	BDG	Still no egg 1.
5/29/99	0745	EC	Egg 1 present (marked "1")
5/29/99	pm	BDG	weighed egg 1
5/30/99	0800	EC	♀ off; egg 2 present but [illegible]
5/30/99	14:30	BDG	♀ off; marked egg 2. Weighted both eggs.
5/31	11:30	BDG	♀ off. 3 Junco eggs present. Did not touch nest because I have to return in pm to weigh eggs.
	14:20	BDG	weighed eggs 1, 2, and 3. ♀ flushed off nest. ♂ absent
6/1	10:00	BDG	♀ on. Flushed off. 4 Junco eggs. I did not mark egg 4 as I will return in pm to weigh.
	pm	BDG	weighed all 4 eggs. marked egg 4.
6/3	930	ES	4 junco eggs, no adults seen/heard
6/5	10:00	BDG	♀ incubating. Did not disturb. QPC
6/8	10:00	BDG	♀ incubating. Did not disturb.
6/8	1900	EK	♀ flushed, 4 eggs, bands seen ♀, ♂, also 2nd ♂ around, spread tail, aggressive intx with W23 ♂

Second sheet

NEST ID: WVS 423R

DATE	TIME	INIT	STATUS
6/11	10:00	BDG	♀ on. Did not disturb
6/12	1030	BDG	♀ on. Flushed off. Still 4 Junco eggs
	1530	ES	♀ flushed off 4j eggs
	1930	ES	" " " " "
6/13	740	ES	♀ flushed off 3 nestl. (d0) weighed/meas./marked, and egg "////"
	1500	BDG	♀ flushed off 4 nestlings. I measured and weighed the forth.
6/16	1410	EC	measured, weighed 4 nestl.; removed 2 (R, B) for mouth color photos (returned them ~1 hr later)
	1700	EC	bled 4 nestl (flushed ♀)
6/19	0830-1030	EC	caught ♀, put ligatures on nestlings for ~1 hr, released ♀, banded and measured 4 nestlings
6/22	1456	ES	d9 check, ≥3 nestlings, ♂ chipped (pos. IDd as 423♂) W/ FOOD
6/25	8:20	BDG	nest empty, except for a shrew. Nest lining all mussed up. No Juncos seen or heard around nest.
6/27	800	BDG	I saw this pair about 10 m uphill from the nest. The ♂ had food. Both parents enthusiasticly scolded me. ♂ so lavo white (R) red/tbl (2) and unidentified ♀ also flew in to chip. There were no aggressive confrontations between the 4 Juncos.
			Fledged
6/30/79	1145	EK	Saw both members of pair, heard at least one fledgling both adults with food and chipped at me, saw bands

NEST LOG SHEET

NEST ID: WVS 423 | TREATMENT GROUP: I

MALE BAND #: 21105220 | DATE/STATUS WHEN FOUND:

COLORS (R) red o S

COLORS (L) dK bl o White | DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # 4667 | # EGGS LAID (indicate if uncertain):

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

FEMALE BAND #: 2181187238 | EXPECTED HATCH DATE:

COLORS (R) dK bl/white | # HATCHED, DATE:

COLORS (L) So lav o lt bl | FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4692

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): ~50 m east (downhill) from WVS tag 56

LOCATION (SPECIFIC): Flag trail begins @ WVS 56. Follow downhill until you reach flag #4. Root mass is ~ 3 meters downhill from flag #4 under double flags. Nest low on uphill, left side of root mass

DATE	TIME	INIT	STATUS
5/15/99	11:00	BDG	Flushed ♀ (2181187238 dK bl/white Ⓡ, So lav o lt bl Ⓛ) off nest. 3 Junco eggs in nest. They look very opaque. ♂ (21105220 red o S Ⓡ, dK bl o white Ⓛ) responded to ♀'s chipping and joined in the scolding.
5/16/99	13:00	BDG	The nest is empty. Nest material is intact. No tracks of predators even though there is soft soil around the nest.

Failed

NEST LOG SHEET

NEST ID: WVS 424 | TREATMENT GROUP: C-C

MALE BAND #: UB | DATE/STATUS WHEN FOUND: 5/21

COLORS (R) | building - coarse material

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):

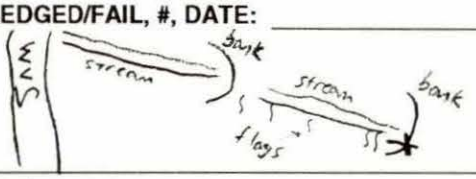
FEMALE BAND #: 2171 05101 | EXPECTED HATCH DATE:

COLORS (R) org | # HATCHED, DATE:

COLORS (L) ltgrn o S | FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4514

FEMALE STAYED/LEFT, DATE:



LOCATION (GENERAL): WVS tag 9

LOCATION (SPECIFIC): a few meters before tag 9 - follow stream uphill after ~30m stream seems to stop, keep going uphill and follow flags that take you along a second stretch of stream - follow flags to where stream again comes to a stop, double flags - mark nest area small bow above marks nest

DATE	TIME	INIT	STATUS
5/21	815	ES	♂ UB sang softly and ♀ org (R) ltgrn o S (L) (at early season @ WVN tag 2 - so we should confirm her bands to be sure it's really her) Both chipped, I found a start - leaf ring no bottom
5/23	1600	EC	couldn't find nest cup, but saw ♀ w/ deer hair (nest presumable still active but pre-laying)
5/24	8:00	BDG	Nest completely lined w/ deer hair. Parents absent. Awesome find ES.
5/24	0700	EC	nest complete, no first egg (as of 0700)
5/25	9:10	BDG	1 cb egg present. Parents absent.
5/27	11:30	BDG	Still only egg 1 cb egg in nest.
5/28	14:00	BDG	Egg #1 present, I removed egg 1 to weigh it and managed to break it. I left the cb egg and 1 dummy Junco egg in the nest in hopes that she will continue with the clutch.
5/29	1145	EC	1 junco egg, + 1 dummy egg + 2 cb eggs (I removed 1 cb egg - forgetting that I should wait until clutch completion)
5/30	0630	EC	2 junco eggs + 1 dummy eggs, no cb eggs; ♀ flushed both parents chipping @ me

NEST ID: WVS424

DATE	TIME	INIT	STATUS
5/30	15:00	BDG	♀ on. I ~~weighted~~ eggs 2 and 3. There are 2 Junco eggs and one dummy egg in the nest.
5/31	15:00	BDG	Nest torn from bank. No signs of predator. No remains of eggs. Parents absent.
			Failed
6/21/97	1100	EK	[illegible]

NOTE: Different (L) leg colors than WVS 425 ♂ Solavodkbl (L)
I saw WVS 425 II ♂ and I am certain of blk/org on (L)

NEST LOG SHEET + more evidence - this ♂ above nested same [illegible]

NEST ID: WVS 425 II

MALE BAND #: 311113899

COLORS (R) Solavodkbl

COLORS (L) blk/org

BLOOD SAMPLE # NOT BLED

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 217105211

COLORS (R) red

COLORS (L) redos

BLOOD SAMPLE # 4565

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP: C-C

DATE/STATUS WHEN FOUND: 6/18

2CB, 1j eggs

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE: unkn

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 59

LOCATION (SPECIFIC): ~20m before tag 60 net site, ~1½' up uphill bank

DATE	TIME	INIT	STATUS
6/18	1114	ES	♀ flushed off 2 CB and 1 junco eggs, she's red (R) redos (L)
6/19	0750	EC	♀ flushed off 2cb + 1j eggs
6/20	1330	BDG	♀ flushed. 1 cb egg removed
6/22	1501	ES	♀ flushed accidentally as I walked by, 1j + 2CB eggs, 1 CB egg removed ♂ flew in and chipped near ♀, he has different (L) leg colors than ♂ ID'd as WVS 425 [illegible] The ♂ chipping was Solavodkbl (R) blk/org (L) (nested in same area last year)
6/24	700	BDG	♀ on Flushed off. 1 Ue and 1 cb egg.
6/26	1040	ES	♀ flushed off 1j and 1CB egg, removed 1 CB egg
6/28	1530	BDG	♀ off. 1j egg.
6/30	1400	BDG	♀ off. egg cold. Nest damp. Parents absent.
6/30	1145	EK	one egg, cold, egg look old

∴ deserted when CB eggs removed?

— Failed —

Bud w/ these [illegible]
[illegible] 5/24 [illegible]

NEST LOG SHEET

NEST ID: WVS 425

TREATMENT GROUP: I

MALE BAND #: 2181[illegible] (?)

DATE/STATUS WHEN FOUND: 5/22/99 - 2 [illegible] nestlings - day 12 (est.)

COLORS (R) So [illegible] dkBl

COLORS (L) DkBl/Yel (?)

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 #: 217105211

EXPECTED HATCH DATE:

COLORS (R) Red

HATCHED, DATE:

COLORS (L) Red + S

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag ~57

LOCATION (SPECIFIC): flagging tape along road is actually ~5 m N of nest; nest is ~5 m on downhill bank and is marked by flagging tape above nest; nest is under log

DATE	TIME	INIT	STATUS
5/22	1700	EC/BG	we watched [illegible] for ~20 minutes to determine nest location (both were feeding nestlings) when we found the nest, both nestlings jumped out and tumbled down the bank; after searching for 15-20 minutes, both were found and banded/weighed (est. day 12) Note: [illegible] 5/22 [illegible] completely [illegible] band combination [illegible] 2 Fledged
5/24/99	10:00	BDG	These parents were chipping like crazy about 15 m south of the nest. The nest is empty and I think the fledgelings were close by. I confirmed the male's ID as above. The female only has one red band on her right leg. She lost the other red band.

NEST LOG SHEET

NEST ID: WVS 426

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: UB

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: 5/28

IN 3j eggs

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 36

LOCATION (SPECIFIC): ~25m before tag 37, ~2ft up on uphill bank

DATE	TIME	INIT	STATUS
5/28	1117	ES	♀ (UB) flushed off 3j eggs
5/29	[illegible]	LC	nest empty

NEST ID: 428R2

DATE	TIME	INIT	STATUS
6/25	0920	EC	♀ flushed off 1 nestling and 1 junco egg; nestling weighed, etc. age est. as d0 (down still wet); remaining egg is "111"
6/26	0825	EC	♀ off; 2 nestlings – measured, etc. the second nestling
6/28	1940	ES	♀ off, 2 nestlings, measured/bled DNA and stress ratio
7/1	0930	EC	♀ off. 2 nestlings banded, weighed
7/4	14:30	BDG	≥ 1 nestling present. ♀ chipped from near by.
7/6	9.10	BDG	Fledge day. 2 nestlings present. Measured and weighed them. Both parents chipped.
			Fledged 2
7/19	1025	ES	Saw both parents clapping w/ ≥1 banded fledgling nearby (saw both legs on ♀, right leg of ♂) WVS tag 51

NEST LOG SHEET

NEST ID: WVS 427

MALE BAND #: 21886501

COLORS (R) org o silver

COLORS (L) blk

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 21887315

COLORS (R) S o white o lt bl

COLORS (L) Yel/blk

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: Fledged

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 39

LOCATION (SPECIFIC): East side of road

DATE	TIME	INIT	STATUS
5/13/99	9:30	BDG	This pair was feeding at least 2 fledglings.
5/21/99	11:00	BDG	" " " " " " " "

Fledgling Family

NEST ID: WVS 427 R

DATE	TIME	INIT	STATUS
6/28/99	710	BDG	♀ flushed off 3 nestlings, 1 egg
	11:20	BDG	" " " " " "
	1530	ES	" " " 4 nestlings
	1900	ES	♀ clipped from above nest, weighted all 4 nestl.
6/30	1150	ES	nest empty, lining undisturbed
			— failed —

NEST LOG SHEET

NEST ID: WVS 427 R
TREATMENT GROUP: I
MALE BAND #: 2181865O1
DATE/STATUS WHEN FOUND: 6/9 - grass, moss cup
COLORS (R) Or o Sil
COLORS (L) Blk
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 4575
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 218187315
EXPECTED HATCH DATE: 6/27
COLORS (R) S o white o lt bl
HATCHED, DATE:
COLORS (L) Yel/blk
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # [illegible]
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WVS tag 40
LOCATION (SPECIFIC): ~30m S of tag 39 (didn't see tag 40); double flag along fence near where park for WP

DATE	TIME	INIT	STATUS
6/9/99	1000	EC	saw ♂ (Or o Sil Ⓡ Blk Ⓛ) chipping from trees, saw ♀ with nesting mat'l formed grass/moss cup built in old nest start
6/10/99	1030	EC	nest now lined w/ deer hair
6/12/99	1030	BDG	nest empty
6/13/99	1430	BDG	Egg 1 present. Brought back to lab to weigh and mark.
6/14/99	1500	BDG	2 eggs present. Brought back to lab to weigh and measure.
6/15/99	1500	BDG	3 eggs. ♀ on. flushed off. brought eggs back to lab to weigh
6/16/99	1500	BDG	4 eggs. ♀ on. flushed off. brought eggs back to lab to weigh. ♂ absent.
6/17	1130	BDG	4 eggs ♀ on. flushed off.
6/20	1300	BDG	♀ on. QPC
6/23	0745	EC	♀ on, QPC
6/27	0715	BDG	♀ on flushed off 4 eggs.
	1115	BDG	" " " " " "
	1515	ES/AH	Flushed off 1 nestling, 3 eggs.
	1720	ES	" " " 2 nestlings, 2 eggs

[redacted]

NEST LOG SHEET

NEST ID: WVS 428R2

TREATMENT GROUP: I

MALE BAND #: 218187134

DATE/STATUS WHEN FOUND: 6/8/99 grass cup almost complete

COLORS (R) S o lav o white

COLORS (L) DK grn

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # 4567

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 217105304

EXPECTED HATCH DATE: 6/25

COLORS (R) DK bl/yel

HATCHED, DATE:

COLORS (L) blk os

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4572

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 55

LOCATION (SPECIFIC): uphill bank where GDR meets WVS. 3' up bank under small flag

DATE	TIME	INIT	STATUS
6/8/99	0900	BDG	Grass cup almost complete. I saw S o lav o white (R) DK grn (L) gathering moss at this nest start yesterday
	1030	BDG	Nest complete
6/9	1935	JMC	Caught ♂ in Net using a lure + tape after 10 min. (Imps ok) Bled him for 2nd 1/2 of field immune study (FI9!!) Left him in a potter trap until 20:30 to try to catch ♀. No luck.
6/11	10:30	BDG	Egg 1 present. Did not touch as I have to return [illegible] to weigh.
6/11	16:00	BDG	Brought egg 1 back to lab to weigh and mark
6/12	1020	BDG	2 Je. Did not touch.
	1630	BDG	2 Je. Brought back to lab to weigh.
6/13	15:50	BDG	3 Je. 1 cb egg. Brought 3 ~~Je~~ Junco eggs back to lab to weigh. Brought Cb egg back to freeze. ♀ on. Flushed off.
6/14	16:00	BDG	3 Je. Eggs 1, 2, and 3 are present. Brought back to lab to weigh and measure. ♀ on. Flushed off and I identified as above.
6/15	16:00	BDG	♀ on. Flushed off. 3 Je. No egg 4.
6/18	1022	ES	♀ flushed off 3 j eggs
[illegible]	[illegible]	BDG	♀ flushed off 3 j eggs

NEST LOG SHEET

NEST ID: WVS 428R
TREATMENT GROUP:
MALE BAND #: 218187134
DATE/STATUS WHEN FOUND: 6/7/99. Moss ring
COLORS (R) Salva white
COLORS (L) DK grn
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 4567
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 217105304
EXPECTED HATCH DATE:
COLORS (R) DK bl/yel
HATCHED, DATE:
COLORS (L) blk o S
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 4572
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WVS tag 56
LOCATION (SPECIFIC): Downhill bank, about 30 m S of 6DR. At culvert pipe w/ blackberry bushes. Under small flag

DATE	TIME	INIT	STATUS
6/7/99	9:30	BDG	Saw this pair building here. Moss ring complete.
6/8	9:45	BDG	No progress. Pair absent.
6/12/99	10:10	BDG	No progress. This pair has renested at tag 55.

NEST LOG SHEET

NEST ID: WVS 428

MALE BAND #: 218187134

COLORS (R) S o lav o cohite

COLORS (L) DK grn

BLOOD SAMPLE # 4567

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 217105304

COLORS (R) DK bl/ yel

COLORS (L) blK o S

BLOOD SAMPLE # 4572

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: 6/1/99, Parents feeding day 5 nestlings

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 55

LOCATION (SPECIFIC): West bank Just below road level, under grass

DATE	TIME	INIT	STATUS
6/1/99	10:00	BDG	spotted pair with food. Watched as they made repeated trips to feed nestlings. I found the nest. 4 nestlings present. Appeared to be at least Day 4. I will return in PM to measure, weigh, and probably bleed nestlings.
	16:00	BDG/EC	marked, bled and measured 4 nestlings - est as day 5
[illegible]	[illegible]	EC/JMC	[illegible] (4)
			Caught ♀ at 1640 processed and bled her and immunized her w/KLH + SRBC
			Caught ♂ at 1818 processed and bled him and immunized him w KLH + SRBC Released @ 1900
			Banded 4 Nestlings and did 1st 1/2 of PHA test on them
6/3	1830	JMC	Nest empty but intact
			—— Failed ——

NEST LOG SHEET

NEST ID: WVS 429 R

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 6/24, 2 eggs

COLORS (R)

COLORS (L)

DATE 1st EGG (indicate if backdated): 6/23 ?

BLOOD SAMPLE #

EGGS LAID (indicate if uncertain): 2

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 218186763

EXPECTED HATCH DATE: unkn

COLORS (R) 50 blk

HATCHED, DATE:

COLORS (L) 2 dkbl / yel

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 4558

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS 19

LOCATION (SPECIFIC): 80° NE from WVS 19 30m. Across road from WVS 19 and up grassy bank, nest is 2m + 70°E in grass. Very open.

DATE	TIME	INIT	STATUS
6/24	702	DN	2 eggs, ♀ flushed off nest. Must have laid 2nd egg today?
6/26	1342	DN	2 eggs, ♀ flushed
7/1	1600	EC	♀ on, flushed off 2 eggs.
7/4	14:20	BDG	2 cold eggs. Parents absent.
7/6	15:[illegible]	[illegible]	2 eggs. Parents absent
7/8	1021	ES	♀ flushed off 2 eggs
7/10	1615	EC	♀ off, 1 nestling - weighed/measured and est. dO (♀ clipped @ me) no eggs present
7/13	1330	ES	failed, nest empty, lining undisturbed — Failed —

NEST ID: WVS 429

DATE	TIME	INIT	STATUS
6/10	~1600	DLN	♀ incubating caught off nest + radio tagged frequency .111.
6/11	1419	DLN	Depredated, nest torn out of bank — failed —
9/23	1415	EL	saw ♂ + ♀, bands IDd, ♂ came to ground, wiped bill, ♀ was bathing, looks messy on her back. They were at stream that crosses at WV- by 17 west side of road, just south of stream

NEST LOG SHEET

NEST ID: WVS 429
MALE BAND #: 2171 05403
COLORS (R) org 05
COLORS (L) 2 red
BLOOD SAMPLE # 4702
IMPLANT REMOVED (Y/N), DATE:
FEMALE BAND #: 2181 86763
COLORS (R) 5 o blK
COLORS (L) 2 dkbl/yel
BLOOD SAMPLE # 4558
FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:
DATE/STATUS WHEN FOUND: 6/3 / moss ring +
DATE 1st EGG (indicate if backdated):
EGGS LAID (indicate if uncertain):
DATE INCUBATION ONSET (indicate if bd):
EXPECTED HATCH DATE:
HATCHED, DATE:
FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS 20 East bank (10 m N of tag)
LOCATION (SPECIFIC): old nest start reactivated

DATE	TIME	INIT	STATUS
6/2	1200	JMC	Saw junco fly off bank, saw two ♂s in a flutter up in area. Probably a fertile ♀ ground
6/3	1200	JMC/EC	Saw *Junco come off bank. Saw Junco w/ Nest material in mouth (So blK (R) 2 wht/dkbl (L) ??) I think it was a ♀. Saw two males one had Red o5 (R) 2 org (L) but I'm not sure if this is the ♂ associated (I think) with the nest based on yesterday's activity
6/3	1330	JMC	Saw ♀ w/ Nest material at Nest and ♂ singing softly from a perch slightly above the [redacted] Nest. Got band colors on both (100% sure)
6/4	1400	JMC	some deer hair in nest
6/5	08:30	BDG	nest lined w/ deer hair
6/6	17:30	BDG	Egg 1 present. Parents absent. Brought back to lab to weigh and measure. Marked "1".
6/7	17:35	BDG	Egg 1 and 2 present. Brought back eggs 1 and 2 to lab to measure and weigh. Marked egg "11".
7	17:30	BDG	Egg 3 present. Parents absent. I brought all eggs back to lab for weighing.
	17:30	BDG	4 Junco eggs. Brought all eggs back to lab to weigh. Marked egg 4. ♀ on. Flushed off.

NEST ID: WVS 430

DATE	TIME	INIT	STATUS
6/25	1600	EC	banded, measured, etc. 4 nestlings (d7)
6/27	1000	BDG	nest active. At least 2 nestlings present
6/29	900	ES	Fledging day 4 fledglings, ct ♂ 2 imps ok processed him and the 4 fledglings, ♀ chipped nearby but not ct.

4 fledged

NEST LOG SHEET

NEST ID: WVS 430
TREATMENT GROUP: I
MALE BAND #: 2181 86707
DATE/STATUS WHEN FOUND: 6/4 laying? - 2nd egg
COLORS (R) lav o S
COLORS (L) 2 lt grn/red
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 4792
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 2181 86522
EXPECTED HATCH DATE: 6/17
COLORS (R) 2 lt61
HATCHED, DATE:
COLORS (L) org o S
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 4853
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WVS tag O
LOCATION (SPECIFIC): at start of STN Fork (stop sign) ~30m E up the stream (Hunter's Branch) in lower left of roadside of tree fall

DATE	TIME	INIT	STATUS
6/4	0710	ES	♀ flushed off 2 j eggs. I thought I saw 2 lt51 @ org o S (L) but this bird has not been seen/at this yr (however, a bird of this combo was banded last year @ WVN tag O) ♀ HAS NO TAIL
6/5/19	08:30	BDG	3 Junco eggs. Parents absent.
6/6	14:00	BDG	♀ on. Flushed her off and confirmed ID as above. 4 Junco eggs present. ♂ flew in and chipped. I am 90% sure of his ID. It should be confirmed.
6/7	10:30	BDG	♀ on. Flushed her off. still 4 eggs.
6/11	11:00	BDG	♀ on. Flushed off despite QPC technique.
6/16	10:00	BDG	♀ on. Flushed off. 4e. The ♂ was chipping w/ the ♀ but I couldn't see his colors because it was raining and my binoculars were fogged up.
6/17	0800	EC	♀ off, 4e (not marked for hatching check)
	1514	ES	♀ flushed off when I walked by nest, she chipped, ♂ lav o S @ 21 lt grn/red (L) perched next to ♀ and chipped along side her, 4 eggs
6/19	1300	BDG	4 nestlings in nest. I measured, marked, and weighed them. Estimated [illegible] Both parents chipped.
6/21	1330	BDG	4 nestlings in nest. I remarked, measured, weighed, and bled them. Both parents chipped.

NEST LOG SHEET

NEST ID: WVS 431 IIR
TREATMENT GROUP: I
MALE BAND #: 2121 94113
DATE/STATUS WHEN FOUND: 7/22/99. ♀ incubating
COLORS (R) Solav. yel
COLORS (L) lt bl
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 4710
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 218186807
EXPECTED HATCH DATE:
COLORS (R) 2 white/DK bl
HATCHED, DATE:
COLORS (L) DK bl O S
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # ~~4710~~ 4561
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WVS tag 49
LOCATION (SPECIFIC): ~30 m N of tag 50 nest. Nest is 2' up uphill bank. Across from flagged striped maple tree.

DATE	TIME	INIT	STATUS
7/22/99	1600	BDG/EC	we spotted a female sitting on the bank while we were jogging. She flew off bank and chipped @ us. we searched area and found nest w/ 3 eggs.
7/23	1630	BDG	♀ on. Flushed off. Possibly IDed as above. ♂ absent.
7/25	1300	BDG	♀ on. Flushed off. Still 3 eggs. ♂ absent.
7/27	1115	EC	♀ flushed off 3e
7/29	810	ES	" " " " IDed ♂ as above, he chipped across rd from nest site
8/2	1139	ES	3 nestlings, estimated
8/4	1548	ES	" " est d 3, processed, bled for Sex r. (need to bleed for DNA std 11)

NEST ID: WVS 431 ~~B2~~

DATE	TIME	INIT	STATUS
7/14	1345	EC	nest cup empty, undisturbed
			FAILED

NEST LOG SHEET

NEST ID: WVS 431 II ~~B2~~ (?)

MALE BAND #: 212194113

COLORS (R) Silo Cav. Yel

COLORS (L) Lt Bl

BLOOD SAMPLE # 4710

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 218186807

COLORS (R) 2 white/DK bl

COLORS (L) DK bl o S

BLOOD SAMPLE # 4561

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: 6/23, grass cup

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE: 7/10

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 48

LOCATION (SPECIFIC): uphill from tag on uphill bank, <2 m from WVS 431 II B

DATE	TIME	INIT	STATUS
6/23	1000	EC	saw ♀ carrying nesting mat'l; new nest is <2 m from previous nest site grass & moss cup (no deer hair yet)
6/24	1000	BDG	complete nest. Adults absent
6/25	0855	EC	complete nest but no eggs; adults absent
6/26	0850	BDG	" " " " " " "
6/27	0950	BDG	egg 1 present. Did not touch as I have to return in PM to weigh. Parents absent.
	15:15	BDG	Brought egg back to lab to weigh and mark. Parents absent.
6/28	15:05	BDG	2 Ve. Brought back to lab to weigh and measure. Parents absent.
6/29	15:00	BDG	♀ on 3 eggs. Flushed off. Possitively I Ded as above. Brought 3 eggs back to lab to weigh.
6/30	15:30	BDG	♀ off. still 3 eggs.
7/3	1000	ES	♀ on, QPC
7/4	1400	BDG	♀ on. did not disturb. (Accidental QPC)
1/6	13[illegible]	[illegible]	" " " " " (" ")
7/10	1530	EC	1, 11 eggs pipped, none hatched (♀ off)
	1910	ES	" " " " " " ♀ flushed
7/11	715	ES	♀ flushed off 2 nestl (dO) and 1 egg (")
	1130	EC	♀ flushed off 2 nestl. + 1 egg (111, pipped)
	1525	BDG	♀ flushed off 3 nestl. weighed + measured all 3.

NEST LOG SHEET

NEST ID: WVS 431 II B (new ♀) TREATMENT GROUP: I

MALE BAND #: 2121 94113 DATE/STATUS WHEN FOUND: 6/10 - just beginning

COLORS (R) Solar Yel

COLORS (L) Hbl

BLOOD SAMPLE # 4710 DATE 1st EGG (indicate if backdated):

IMPLANT REMOVED (Y/N), DATE: # EGGS LAID (indicate if uncertain):

FEMALE BAND #: UL DATE INCUBATION ONSET (indicate if bd):

COLORS (R) EXPECTED HATCH DATE:

COLORS (L) # HATCHED, DATE:

BLOOD SAMPLE # FLEDGED/FAIL, #, DATE:

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 48

LOCATION (SPECIFIC): just uphill from tag on uphill bank, not sure of exact spot. Nest is below small flag. low in bank

DATE	TIME	INIT	STATUS
6/10/99	0845	EC	saw two birds (1 UB, 1 had Sol. Lav. Yel ®, Hbl © ??) carrying nesting material to same spot – too early to tell exactly where nest is ♂ ID needs to be verified
6/12/99	1300	BDG	Nest appears to be complete.
6/13/99	1300	BDG	no egg 1 yet
6/14/99	1400	BDG	egg 1 present. I brought it back to lab to measure and weigh.
6/15/99	1400	BDG	egg 1 missing. egg 2 present. I brought egg 2 back to the lab to weigh.
6/16/99	1400	BDG	eggs 2 and 3 present. ♀ on. flushed off. brought eggs back to lab for weighing. confirmed ♂ ID
6/17	PM	BDG	flushed off egg 2 and 3 + 1 CB egg
6/18	1118	ES	only one egg marked "III" Failed.
6/21	1000	BDG	Still only 1 egg marked "III" egg cold and wet. Parents absent.

NEST LOG SHEET

NEST ID: WVS 431

MALE BAND #: 212194113

COLORS (R) S o lav o Yel

COLORS (L) lt bl

BLOOD SAMPLE # 4710

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 218186807

COLORS (R) 2 white/ dk bl

COLORS (L) dk bl o S

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: Post Fledge

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 48

LOCATION (SPECIFIC): uphill bank

DATE	TIME	INIT	STATUS
6/5/99	11:00	BDG	Both parents feeding ≥3 fledglings.
6/10	0930	EL	Saw ♀ feeding (≥1) fledglings; ♂ was associating w/ UB ♀ building near tag 48; ♀ attacked UB ♀ and chased her off
			Fledgling Family

NEST LOG SHEET

NEST ID: WVS 432R

TREATMENT GROUP: I

MALE BAND #: 218186801

DATE/STATUS WHEN FOUND: 7/31

COLORS (R) dkblo S

2 nestlings and 1 egg undeveloped

COLORS (L) dkbl

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # 4571

EGGS LAID (indicate if uncertain): ≥3

IMPLANT REMOVED (Y/N), DATE: 7/15

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 218186839

EXPECTED HATCH DATE:

COLORS (R) lt bl/red

HATCHED, DATE:

COLORS (L) Soltbloyel

FLEDGED/FAIL, #, DATE: 2 fledged 7/31

BLOOD SAMPLE # 4972

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 36 ~20m before WVS tag 37 net site

LOCATION (SPECIFIC): uphill bank, ~3ft up

DATE	TIME	INIT	STATUS
7/31	0900	ES	♂ ID'd as above chipped w/ food right above nest, ♀ chipped above nest. I grabbed the 2 young - both parents chipped vigorously. Caught ♀ processed her + bled for DNA. Nestlings weighed/measured/banded/bled for DNA + Sex ratio egg opened in field - no sign of development

2 fledged

NEST LOG SHEET

NEST ID: WVS 432

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 6/12/99 Incubating

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 #: 218186839

EXPECTED HATCH DATE: unkn

COLORS (R) lt bl / red

HATCHED, DATE:

COLORS (L) Silver ∘ lt bl ∘ yel

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # [illegible]

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 34

LOCATION (SPECIFIC): 25 m South of WVS tag 34. Nest 1/2 way up uphill bank. Very obvious

DATE	TIME	INIT	STATUS
6/12/99	11:00	BDG	I spotted the ♀ on the nest. I flushed her off. I possitively identified her as above. 4 Junco eggs.
6/14/99	900	BDG	flushed ♀ off of 4 Junco eggs.
6/[illegible]/99	1100	BDG	I saw ♀ on nest from m[illegible] [illegible] by.
6/16/99	900	BDG	♀ on. Flushed off. Still 4e. I stayed @ nest for 5 minutes to see if the ♂ would join in the chipping. He never showed.
6/19/99	0810	EC	♀ flushed off 4e
6/21/99	1030	BDG	♀ on. QPC
6/23/99	0930	EC	♀ on, QPC
6/25/99	0835	EC	♀ flushed off 4 nestlings (weighed, etc); 2 est. as d1, 2 are d0
6/26/99	0735	EC	♀ off; weighed nestlings (d2), took 2 (B, N) for mont[illegible] [illegible]
6/27/99	14:[illegible]	BDG	♀ on. Flushed off. I remarked, measured, weighed, [illegible] bled 4 nestlings. ♂ absent.
6/30	14:35	BDG	Nest empty, partly torn from bank. Parents absent.

Failed

NEST LOG SHEET

NEST ID: WVS 433 | TREATMENT GROUP: I

MALE BAND #: 2191-14171 | DATE/STATUS WHEN FOUND: ♀ incubating

COLORS (R): So 2 lt greens |

COLORS (L): 2 blk / lt blue | DATE 1st EGG (indicate if backdated): ?

BLOOD SAMPLE #: 4585 | # EGGS LAID (indicate if uncertain):

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

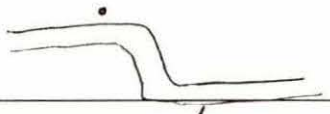
FEMALE BAND #: 2181-86920 | EXPECTED HATCH DATE:

COLORS (R): black O/av-R | # HATCHED, DATE:

COLORS (L): So lt pk/red | FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #: Not Bled ****

FEMALE STAYED/LEFT, DATE:



LOCATION (GENERAL): WVS tag 21, east side

LOCATION (SPECIFIC): look to right & slightly below, moss covered tree trunk trail runs parallel to the road, look beneath a tiny piece of pink flagging

DATE	TIME	INIT	STATUS
6/21/99	1230	EK	♀ chips, disappears in vegetation, flushes at my approach & chips again. ♂ heard b1 & b2 chips too. ∴ a part of this nest all bands seen. Diane & Darcy may fail nest
6/23	1715	EC	♀ flushed off 4e
6/25	0830	EC	♀ flushed off 4e
6/26	1034	ES	" " " "
6/27	~800	DN/DZ	Caught female and radio-tagged her.
6/28	15:30	BDG	nest intact but empty
6/28	1430	DN	FAILED NEST FORCE Failed FOR TELEMETRY

NEST LOG SHEET

NEST ID: WVS 434
TREATMENT GROUP: I
MALE BAND #: 21705012
DATE/STATUS WHEN FOUND: 6/21 - building (lining w/ deer hair)
COLORS (R) DK bl o S
COLORS (L) 2 DK bl
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 4566
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 21705210
EXPECTED HATCH DATE:
COLORS (R) 2 org
HATCHED, DATE:
COLORS (L) red o S
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 4562
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WVS tag 44
LOCATION (SPECIFIC): 20 m south of tag 44. ~4' up uphill bank, under small flag

DATE	TIME	INIT	STATUS
6/21/99	900	BDG	I saw this pair mobbing a chipmunk on the uphill bank @ WVS tag 44. positively identified both ♂ and ♀. They were actually flying into the chipmunk's side (he didn't seem to mind and went about his bussiness as if they were not there.
	1600	BDG	I returned to search bank and flushed ♀ from a nearly complete nest. Both ♂ + ♀ chipped @ me.
6/22	1510	FS	1) egg marked "I"
6/23	0950	EC	2nd egg marked "II"; ♀ incubating (flushed off accidentally, - didn't expect her to be there)
6/24	700	BDG	♀ on. Flushed off 3 eggs. Marked egg 3
6/26	1042	ES	nest empty. lining disturbed such that nest cup is now a jumble of grass, deer hair, etc...

— Failed —

NEST LOG SHEET

NEST ID: WVS 435

MALE BAND #: 218186767

COLORS (R) blk o S

COLORS (L) 2 dk bl/white

BLOOD SAMPLE # 4584

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 217105305

COLORS (R) W/R

COLORS (L) blk o S

BLOOD SAMPLE # NOT BLED

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP: I

DATE/STATUS WHEN FOUND: 7/3

inc. 3; eggs

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE: unkn

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 13

LOCATION (SPECIFIC): ~6 m past tag 13, mid way up bank

DATE	TIME	INIT	STATUS
7/3	720	ES	♀ on nest
	1448	ES	flushed ♀ (W/R (R) blk o S (L)) off of 3; eggs
7/4	13:45	BDG	♀ on. flushed off. I thought I had found a rest [illegible] I saw this sheet. Oh well.
7/6	13:45	BDG	♀ on. flushed off 3 Junco eggs.
7/8	1019	ES	♀ flushed off 3 eggs
7/10	1630	EC	♀ flushed off, 3 nestlings; weighed/measured/marked - est. d2 ♂ present and chipping, but didn't have binocs to ID him
7/11	0945-1115	EC	removed 2 nestlings (R, N) for month color photos (♀ off)
	14:10	BDG	Bled, marked, weighed, and measured 3 nestlings. ♀ on. flushed off. Both Parents flushed. Id on ♂ (95% sure).
7/13	1100	EC BDG ES	nest cup empty, but surrounding area littered w/ feathers (including several adult wing feathers) and partially eaten wing of a nestling

FAILED

NEST LOG SHEET

NEST ID: WVS 436

TREATMENT GROUP: C-C

MALE BAND #: 2181 87 419

DATE/STATUS WHEN FOUND: 6/29/99

COLORS (R) [illegible]

complete cup of moss

COLORS (L) [illegible]

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 #: UB

EXPECTED HATCH DATE: 7/15

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 28

LOCATION (SPECIFIC): ~30m up the road that leads to the Horse Barn, left hand side of rd on ground, ~2ft from rd edge, under flagged stick

DATE	TIME	INIT	STATUS
6/29	1430	ES	♀ flushed off of nest (she's UB)
[illegible]	[illegible]	[illegible]	♀ not seen. ♂ [illegible] not completely [illegible] 94093517
7/1	7:00	EH	♂ ? R sil o dk bl o lt grn? ♀ present grass lining in nest
7/2	[illegible]	DA/RZ	♀ flushed off nest, [illegible] egg
7/3	840	DA	2 eggs
7/7	1025	ES	♀ flushed off 3; eggs
7/10	1600	EC	♀ off ; 3e
7/13	1530	ES	3 eggs, ♀ not on [rained hard much of day yesterday]
	1735	ES	" " " " "
7/15	pm	EC/ES	♀ on, left without disturbing her ♀ off; 3e
7/16	1645	EC	♀ off; 3e
7/17	[illegible]	EC	♀ off; 3e still no hatched
7/18	1500	EC	♀ off; 3e "
[illegible]	1600	ES	♀ off [illegible], saw [illegible] green transmitter, he was perched across rd from nest site, no ♀ seen
7/22	1730	ES	♀ off 3eggs (1 partly broken could see devel. nestl. inside)

— Failed —

NEST LOG SHEET

NEST ID: WVS 437

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 2171 05209

COLORS (R) 2 ltgrn

COLORS (L) redoS

BLOOD SAMPLE # 4556

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: ♀ on 3 eggs 7/19/99

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 64

LOCATION (SPECIFIC): (no tag 64 found) ~20m past net @ WVS tag 63, uphill bank

DATE	TIME	INIT	STATUS
7/19	1030	ES	♀ flushed off 3j eggs (she's 2 ltgrn (R) redoS (L))
7/22	1745	ES	♀ off, 3j eggs
7/25	1800	BDG	nest empty. Parents absent.

Failed

NEST LOG SHEET

NEST ID: WVS

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 6/10 - complete

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 #:

EXPECTED HATCH DATE:

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS ~ Trg 65

LOCATION (SPECIFIC): near Trg 65 (not sure where Trg is), just downhill from yellow POSTED sign on uphill bank

DATE	TIME	INIT	STATUS
6/10/99	0930	EC	nest complete w/ deer hair, but looks slightly messed probably has already failed but we should check for a few days to be sure
6/11/99	10.40	EC	NO change.
6/12/99	9.00	BDG	" "
6/12/99	1500	BDG	" "
6/14/99	1400	BDG	" "
6/23/99	1030	EC	no △

NEST LOG SHEET

NEST ID: WUS

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 6/6 - moss/grass cup

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 #:

EXPECTED HATCH DATE:

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WUS Trg 37

LOCATION (SPECIFIC): 1-2 m N of Trg 37, middle of uphill bank

DATE	TIME	INIT	STATUS
6/6/99	1145	EC	full moss and grass cup; no adults nearby
6/8/99	10:40	BDG	No egg 1. Parents absent.
6/9/99	1030	EC	nest not fully complete, no Δ?
6/10	1100	EC	no Δ

NEST LOG SHEET

NEST ID: WVS

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: nest cup

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 #:

EXPECTED HATCH DATE:

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 20

LOCATION (SPECIFIC): ~10m N of tag 20 on uphill bank

DATE	TIME	INIT	STATUS
5/17	0900	EC	moss-lined nest cup
5/19	pm	EC	no Δ

NEST LOG SHEET

NEST ID: WVS

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: nest cup

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 #:

EXPECTED HATCH DATE:

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 8

LOCATION (SPECIFIC): directly across from tag 8 on uphill bank

DATE	TIME	INIT	STATUS
5/17	0930	EC	hollowed-out nest cup; I put in green leaf
5/19	pm	EC	flooded out by water draining down road

NEST LOG SHEET

NEST ID: WVS

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: 5/13

deer hair lined

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WVS tag 37

LOCATION (SPECIFIC): ~3m before tag 37 ~2½ ft ↑ uphill bank

DATE	TIME	INIT	STATUS
5/13	912	ES	♂ sang @ WVS tag 35 (dkbl o S(R) ? ? (L) straight I saw yellow ∴ possible ♂ of nest [could be So lava dkbl(R) yel/dkbl(L) 218187207]
5/14	1200	EC	no eggs
5/15	15:30	BDG	no egg

NEST LOG SHEET

NEST ID: —

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: complete nest 5/4

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 #:

EXPECTED HATCH DATE:

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVS tag 48

LOCATION (SPECIFIC): across from tag 48 3 ft ↑ bank

DATE	TIME	INIT	STATUS
5/4	0918	ES	complete nest - looks fresh could already be depredated but lining looks undisturbed
5/5	0810	ES	no Δ, no birds seen/heard
5/6	1000	BDG	No change in nest. I observed a pair of Juncos (♂ Solar o yel (R), ? (L), ♀ Yel (R), dk blo s (L)) approximately 50m W of the nest

NEST LOG SHEET

NEST ID: _____ TREATMENT GROUP: _____

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

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 #: 2181-86807 EXPECTED HATCH DATE: _____

COLORS (R) 2 Wht/Dkbl # HATCHED, DATE: _____

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

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): 10 m S of WVS Net #55

LOCATION (SPECIFIC): In top of E Facing bank on E side of Rd (Just below road level)

DATE	TIME	INIT	STATUS
5/4/99	0830	DTZ	♀ chipping aggressively near nest. Nest only has moss ring though. Another nest in area? ♂ No where to be seen.
5/8/99	15:30	BDG	Still only a moss ring. Adults no where to be seen.

NEST LOG SHEET

NEST ID: _____ TREATMENT GROUP: _____

MALE BAND #: _____ DATE/STATUS WHEN FOUND: 4/23/99

COLORS (R) _____ moss ring

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 #: _____ EXPECTED HATCH DATE: _____

COLORS (R) _____ # HATCHED, DATE: _____

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

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WVS tag 16

LOCATION (SPECIFIC): Directly across from Net (East bank)

DATE	TIME	INIT	STATUS
4/23/99	9:40	JPL	heard ♂ singing Nearby, found nest (from truck)
4/29/99	19:00	BDG	It appears like the moss ring has recently been completed. Aside from moss ring, no other nest material present.
5/4	AM	ES	no Δ

NEST LOG SHEET

NEST ID: _____ TREATMENT GROUP: _____

MALE BAND #: _____ DATE/STATUS WHEN FOUND: 4/23/99

COLORS (R) _____ moss/grass no bottom

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 #: _____ EXPECTED HATCH DATE: _____

COLORS (R) _____ # HATCHED, DATE: _____

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

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WVS 48

LOCATION (SPECIFIC): ~~West~~ bank below red/black bow

DATE	TIME	INIT	STATUS
4/23/99	10:00	JML	found nest (from truck) No Juncos S/H
4/29/99	19:00	BDG	Nest cup of grass and rootlets complete. No deer hair lining. No adults present.
5/01	am	ES	no Δ from 4/23 (it looks to me) moss/rootlets/grass but no bottom