

## 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

①  
I

NEST ID: WVN 145 TREATMENT GROUP: \_\_\_\_\_  
 MALE BAND #: 2161-40321 DATE/STATUS WHEN FOUND: 4/19/95  
 COLORS (R) 1tbl/blk osil nest found w/ one egg  
 COLORS (L) lav DATE 1st EGG (indicate if backdated): 4/19/95  
 BLOOD SAMPLE # 2668 # EGGS LAID (indicate if uncertain): 4  
 IMPLANT REMOVED (Y/N), DATE: Y-8/2/95 DATE INCUBATION ONSET (indicate if bd): \_\_\_\_\_  
 FEMALE BAND #: 212194900 EXPECTED HATCH DATE: \_\_\_\_\_  
 COLORS (R) blk # HATCHED, DATE: \_\_\_\_\_  
 COLORS (L) dkbl osil FLEDGED/FAIL #, DATE: 4/24/95  
 BLOOD SAMPLE # 2645  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN 27

LOCATION (SPECIFIC): across from net set up at WVN 27 on west side of road. Underneath a small rock outcropping

DATE	TIME	INIT	STATUS
4/23	10:00	MR	saw 4 eggs in nest - ♀ is incubating them now
4/24	11:00	MR	<u>NEST FAILED</u> found overturned and no eggs to be seen
5/2	pm	EF VN	Saw ♀ near net just 3rd band in rd - just N of tag 24.
5/30	12:00 13:00	Zy	WALKED ALONG TRG 24 TO 27 EASTSIDE TO TREE FALLS. ONE LINE SINGING QUITE FAR. AFTER I CAME OUT TO PICK UP TRASH 1315. BOTH BIRDS WERE CHIPPING LIKE MAD. LOOKED FOR PLOUCE? NEST IN SAME AREA AGAIN. NO BIRDS!

NEST LOG SHEET

I

NEST ID: WVN 145R  
 MALE BAND #: 2161-40321  
 COLORS (R) lt bl / blk ° sil  
 COLORS (L) lav  
 BLOOD SAMPLE # 2668  
 IMPLANT REMOVED (Y/N), DATE: yes - 8/2/95  
 FEMALE BAND #: 2121 94900  
 COLORS (R) blk  
 COLORS (L) dk bl ° sil  
 BLOOD SAMPLE # 2645  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

TREATMENT GROUP: \_\_\_\_\_  
 DATE/STATUS WHEN FOUND: 6/4/95; 1 egg  
 DATE 1st EGG (indicate if backdated): 6/4/95  
 # EGGS LAID (indicate if uncertain): 4  
 DATE INCUBATION ONSET (indicate if bd): 6/7/95  
 EXPECTED HATCH DATE: 6/19/95  
 # HATCHED, DATE: 3 on 6/18/95; 1 on 6/19  
 FLEDGED/FAIL, #, DATE: 6/29 3?

LOCATION (GENERAL): WVN tag 24  
 LOCATION (SPECIFIC): on east side of road - next to bank of creek under a big rock about 5ft from road

DATE	TIME	INIT	STATUS
6/4/95	14 <sup>15</sup>	MR	found nest w/ one egg; ♀ not on; I was chipped at a lot last time in this vicinity; sure of ID on ♀, but must verify ♂
6/5/95	14 <sup>10</sup>	MR	♀ not on; 2 junco eggs
6/6/95	15 <sup>40</sup>	MR	♀ on, flushed; 3 junco eggs
6/7/95	16 <sup>30</sup>	SPH	♀ on, flushed, 4 junco eggs
6/11	12 <sup>05</sup>	MR	♀ on, flushed off 4 junco eggs
6/16	15 <sup>55</sup>	MR	♀ on, flushed off 4 junco eggs
6/18	16 <sup>00</sup>	MR	♀ on, flushed; 3 nestlings - weighed; 1 egg
6/19	13 <sup>08</sup>	MR	♀ on, flushed off 4 nestlings (last egg hatched?)
6/21	11 <sup>00</sup>	MR	♀ not on; 3 nestlings
6/24	16 <sup>00</sup>	ES	banded. Bled 3 nestlings (d6) heard 2 adults chipping
6/27	8 <sup>00</sup>	JAH	attempted nest watch; ♀ would not quit chipping after 1 hour. Gave up
6/28	17 <sup>00</sup>	JAH	set up net; 3 kids A-OK
6/29	7 <sup>00</sup>	JAH	fledging day; opened net; waited an hour before realizing kids had already fledged. UGH!!

NEST LOG SHEET

NEST ID: WVN 146 TREATMENT GROUP: \_\_\_\_\_  
 MALE BAND #: 2161 40679 DATE/STATUS WHEN FOUND: 4/23/95  
 COLORS (R) blk/yel 4 eggs  
 COLORS (L) 501 tan o red (book says) DATE 1st EGG (Indicate if backdated): 4/20 (bd)  
 BLOOD SAMPLE # 2640 # EGGS LAID (indicate if uncertain): 4  
 IMPLANT REMOVED (Y/N), DATE: yes 7/27/95 DATE INCUBATION ONSET (indicate if bd): WVNVN 4/23/95  
 FEMALE BAND #: 2161 40012 EXPECTED HATCH DATE: 5/4 (bd) (BD)  
 COLORS (R) org # HATCHED, DATE: 2 on 5/4/95, 1 on 5/5/95  
 COLORS (L) white o sil FLEDGED/FAIL, #, DATE: 2, 5/17/95  
 BLOOD SAMPLE # 2724  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_  
 LOCATION (GENERAL): WVN 39  
 LOCATION (SPECIFIC): about 10 feet past (north of) net #39 on east side of road

DATE	TIME	INIT	STATUS
4/23	14:30	MR	flushed ♀ off nest at 14:00 - found 4 eggs in nest ♂ in close proximity
4/30	1550	MdV	♀ incubating
5/1	1455	MR SH VN	♀ on nest, flushed; set up lure to see ♂ bands - ♂ appeared, very aggressive toward lure ID ♂
5/4	1530	MR VN	flushed ♀ from nest; 2 eggs, 2 nestlings
5/5	1435	MR SH	♀ flushed from nest from behind; 1 egg looked cracked, possible pipping; 3 nestlings weighed and nails painted for ID purposes
5/6	1800	JAH	♀ not on nest; only 3 nestlings; no extra egg; no parents seen or heard.
5/7	1240	MR	♀ not on nest; 3 nestlings weighed + measured; no adults seen or heard; sunny, low 70s
	1455	VN	♀ on 3 nestlings.
5/10	1730	MR JAH	flushed ♀ into net, but she flew back out; weighed nestlings - incredible differences in weight b/w 3 nestlings
5/11/95	1730	VN JAH	caught ♀ & bled; only 2 nestlings left. banded & bled both.

NEST LOG SHEET

NEST ID: WVN 146

DATE	TIME	INIT	STATUS
5/14/95	15:00	JAH	2 babies ok
5/17/95	1030	TV SH	Fledged two babies - caught male, but did not catch male. (one nesting really small - see nesting weights)
5/19/95	0810	ZJ	SAW ♀ FORO APLONGO (COMMON). ♂ SURAY AET LIKE A T-MALE IN MOST WAYS.

NEST LOG SHEET

I

NEST ID: WVN 146 II TREATMENT GROUP: \_\_\_\_\_  
 MALE BAND #: 2161 40679 DATE/STATUS WHEN FOUND: 5/31/95;  
 COLORS (R) blk/yel | 1 egg  
 COLORS (L) 5 olt gm red (book says 'org) DATE 1st EGG (indicate if backdated): 5/31/95  
 BLOOD SAMPLE # 2640 # EGGS LAID (indicate if uncertain): 4  
 IMPLANT REMOVED (Y/N), DATE: yes 7/21/95 DATE INCUBATION ONSET (indicate if bd): 6/3/95  
 FEMALE BAND #: 2161 40012 EXPECTED HATCH DATE: 6/14/95  
 COLORS (R) org # HATCHED, DATE: 6/14 (3); (1) 6/15  
 COLORS (L) wh & sil FLEDGED/FAIL, #, DATE: fledged (4) 6/25/95  
 BLOOD SAMPLE # 2724  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN 40  
 LOCATION (SPECIFIC): about 30 ft north of net #39 on east side of road

DATE	TIME	INIT	STATUS
5/31/95		Zig	nest found w/ 1 egg
6/01		Zig	2nd egg
6/02	1500	HR	3rd egg; ♀ flushed, ♀ bands confirmed
6/03	1320	HR	4 eggs - cold; ♀ not on; sunny, warm
6/04	1305	HR	♀ on nest - did not flush
6/09	1600	Zig	♀ ON NEST - COULD SEE FROM CAR.
6/14	1530 PM	ELK Zig	3ygs 7 egg, ♀ came off, chipped a lot, no ♂ seen with 400 3 nestlings.
6/15	1435	HR	last egg hatched; 4 nestlings; ♀ on, flushed
6/17	1305	HR	♀ on, flushed; 4 nestlings
6/20	1342	HR	♀ <del>on</del> on, flushed off 4 nestlings; banded & bled nestlings; ♂ feeding nestlings
6/24	1940	ES	set net for tomorrow's fledging. saw at least 3 nestlings heard 2 adults chipping
6/25	0645	ES	Fledging day et. ♂ + ♀ bled for hematocrit/sugar 4 nestlings weighed/measured

NEST LOG SHEET

NEST ID: WVN 147  
 MALE BAND #: 2121 94880  
 COLORS (R) lt grn osil  
 COLORS (L) 2yel  
 BLOOD SAMPLE # 27085  
 IMPLANT REMOVED (Y/N), DATE: \_\_\_\_\_  
 FEMALE BAND #: 2161-40417  
 COLORS (R) red o yellowed  
 COLORS (L) silver  
 BLOOD SAMPLE # not bled  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

TREATMENT GROUP: \_\_\_\_\_  
 DATE/STATUS WHEN FOUND: 4/24/95  
4 eggs  
 DATE 1st EGG (Indicate if backdated): \_\_\_\_\_  
 # EGGS LAID (indicate if uncertain): 4  
 DATE INCUBATION ONSET (indicate if bd): \_\_\_\_\_  
 EXPECTED HATCH DATE: Unknown  
 # HATCHED, DATE: \_\_\_\_\_  
 FLEDGED/FAIL, #, DATE: failed 5/9/95

LOCATION (GENERAL): WVN tag #68  
 LOCATION (SPECIFIC): 1 ft to 1 1/2 ft of tag #68 on west side of road

DATE	TIME	INIT	STATUS
4/24	9:00	MR	found nest! eggs pretty mottled - should check if Cowbird eggs no birds in sight or chipping 4 eggs
4/26	1300	VN	4 cold eggs. Play tape - no action. Lure - yes
4/27	1500	VN	" " "
4/30	1700	M:V	♀ 5/7/4 eggs - came back - saw bands - or unb
5/1	1650	MR SH VN	♀ on nest; caught ♂ with lure (unbanded), so we banded and processed him
5/3	1500	VN MR	♀ not on nest; 4 eggs; lured in ♀ for processing
5/6	1800	JAH	♀ on nest probably has babies TK going back to check
5/6	1900	TK	went to check - female was on - flushed her gently the eggs have not hatched.
5/7	1300	MR	♀ on nest; 4 eggs; sunny, 70s
5/9	1505	SPA	nest torn out of Bank

Failed!

WVN 147R (family)

NEST LOG SHEET

NEST ID: ~~WVN 147~~ "family"

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: \_\_\_\_\_

DATE/STATUS WHEN FOUND: 6/16/95;

COLORS (R) \_\_\_\_\_

fledglings

COLORS (L) \_\_\_\_\_

DATE 1st EGG (indicate if backdated): \_\_\_\_\_

verify

BLOOD SAMPLE # \_\_\_\_\_

# EGGS LAID (indicate if uncertain): \_\_\_\_\_

IMPLANT REMOVED (Y/N), DATE: \_\_\_\_\_

DATE INCUBATION ONSET (indicate if bd): \_\_\_\_\_

FEMALE BAND #: 2161-410417

EXPECTED HATCH DATE: \_\_\_\_\_

COLORS (R) v oye/or

# HATCHED, DATE: \_\_\_\_\_

COLORS (L) silver

FLEDGED/FAIL, #, DATE: \_\_\_\_\_

BLOOD SAMPLE # \_\_\_\_\_

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag #68

LOCATION (SPECIFIC): ~ 20m east of road at tag #68

DATE	TIME	INIT	STATUS
6/16/95	0930	S#/MP	Saw ♀, she was chipping at me, Also saw a fledgling in the area. The fledgling was probably out of the nest ~ 1 week ago. Did not see the ♀ feed. May not have been her fledgling.

NEST LOG SHEET

NEST ID: WVN 148

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2131 14885

DATE/STATUS WHEN FOUND: 4/24/95

COLORS (R) silver

3eggs

COLORS (L) white/org

DATE 1st EGG (indicate if backdated): 4/22 bd

BLOOD SAMPLE # 2685

# EGGS LAID (indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: yes - 7/21

DATE INCUBATION ONSET (indicate if bd): 4/25/95

FEMALE BAND #: 2161 40418

EXPECTED HATCH DATE: 5/6/95

COLORS (R) yel o + bl o yel

# HATCHED, DATE: \_\_\_\_\_

COLORS (L) silver

FLEDGED FAIL, #, DATE: 5/9/95

BLOOD SAMPLE # 2700

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag # 45

LOCATION (SPECIFIC): 25 feet south of tag # 45 on west side of road

DATE	TIME	INIT	STATUS
4/24	10 <sup>30</sup>	MR	nest w/ 3eggs - no birds to be seen or heard near nest
4/27 4/28	pm	VN	off, cold, 4eggs.
4/30	1920	MR	♂ off - 4 warm eggs. returned w/o ♂-prob
5/1	1410	MR SH VN	♀ on nest - flushed - 4eggs; played lure for ♂ but ♂ never showed
5/3	1110	MR VN	4eggs; ♀ off, ♂ displaying for female?! ♂ and ♀ came into lure to be ID'd; ♀ aggressive toward ♂
5/5	1427	MR	4eggs; ♀ on nest - flushed from behind; gray, overcast, drizzling, low 50's
5/7	1300	MR	♀ not on nest; eggs not very warm (4); no adults around sunny, low 70s
5/7	1445	VN	♀ off nest - 4 eggs
5/9	1512	SPA	Nest torn out of Bank
			Failed

NEST LOG SHEET

NEST ID: WVN 148 R1

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2131 14885

DATE/STATUS WHEN FOUND: 5/12/95

COLORS (R) Silver

coarse grass

COLORS (L) wh/orq

DATE 1st EGG (indicate if backdated): 5/15/95 bd

BLOOD SAMPLE # 21685

# EGGS LAID (Indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: yes-7/21

DATE INCUBATION ONSET (Indicate if bd): 5/18/95 bd

FEMALE BAND #: 21101 410418

EXPECTED HATCH DATE: 5/29/95

COLORS (R) yel olt bl oyel

# HATCHED, DATE: 3 on 5/31/95

COLORS (L) silver

FLEDGED/FAIL, #, DATE: 2 on 6/11/95

BLOOD SAMPLE # 2700

FEMALE STAYED LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag #43

LOCATION (SPECIFIC): 20ft north of tag #43 on east side of road; 1/3 up bank from road; flag across road from nest & above nest

DATE	TIME	INIT	STATUS
5/12/95	10 <sup>30</sup>	MR	nest start w/ coarse grass; ♂ chipped, but couldn't ID; ♀ not around
5/14/95	1455	JAH	nest half lined w/ deer hair; no eggs; no parents seen or heard
5/16/95	14 <sup>30</sup>	MR	2 junco eggs - cold; ♀ not on; no parents seen or heard
5/18/95	12 <sup>42</sup>	MR	♀ on nest, flushed to find 4 junco eggs; positive ID for ♀; rainy, windy, cool
5/22/95	14 <sup>00</sup>	MR	♀ on; 4 eggs (junco); ♀ flushed; didn't see or hear ♂
5/23	12 <sup>30</sup>	MR	♀ on; didn't flush ♀ due to heavy rain
5/29	13 <sup>55</sup>	MR	♀ on, flushed; 4 junco eggs - still not hatched; sunny, warm
5/30	14 <sup>00</sup>	MR	♀ on, flushed - 4 junco eggs - no hatchlings; cool, cloudy
5/31	12 <sup>35</sup>	MR	♀ on 3 nestlings, legg; weighed nestlings; sunny, cool
6/01/95	12 <sup>20</sup>	♀	♀ OFF EGG STICK DID NOT HATCH
6/2/95	15 <sup>25</sup>	MR	♀ on, flushed; egg still did not hatch, so brought back to the lab for dissection egg partially developed (5-days)
6/3	15 <sup>00</sup>	MR	♀ on, flushed; only 2 nestlings; warm, cloudy
6/6	15 <sup>45</sup>	MR	♀ on, flushed; banded & bled 2 nestlings; overcast, warm
6/11	7 <sup>30</sup>	MR	fledged 2 kids; caught ♂ & ♀ in net after grabbing kids so no cort. samples taken
6/14	16 <sup>00</sup>	FK	saw ♂ & ♀, heard young, just used of need so family alive

NEST LOG SHEET

NEST ID: WVN 148 RTI TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2131-14885 DATE/STATUS WHEN FOUND: 3 eggs on 7/16

info added 8/1/95

COLORS (R) silver

COLORS (L) w/crs

BLOOD SAMPLE # 2685

IMPLANT REMOVED (Y/N), DATE: yes - 7/21/95

DATE 1st EGG (indicate if backdated): 7/10/95 bd

# EGGS LAID (indicate if uncertain): 3

DATE INCUBATION ONSET (indicate if bd): 7/12/95 bd

FEMALE BAND #: 2161-40418

EXPECTED HATCH DATE: UNKNOWN

COLORS (R) yellow throat egg

# HATCHED, DATE: 7/23/95; 1

COLORS (L) Silver

FLEDGED/FAIL, #, DATE: \_\_\_\_\_

BLOOD SAMPLE # 2700

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag 42

LOCATION (SPECIFIC): ~25' before tag 42 in east bank. Under vaccinium bush. Large flag on a Witchhazel on west bank.

DATE	TIME	INIT	STATUS
7/16	9:19	SPH	♀ flushed from 3 eggs, unable to get bands
7/18	15:10	MR	♀ on, flushed off <u>2</u> <u>junco</u> eggs; no sign of 3 <sup>rd</sup> egg
7/19	13:19	MR	♀ on, flushed off 2 eggs
7/21	13:05	MR	♀ flushed off 2 eggs
7/23	20:00	MR	♀ flushed off 1 nestling, 1 egg; will weigh tomorrow
7/27	19:00	SPH	♀ flushed off 1 nestling, 1 egg nestling weighed
8/1	15:45	SPA	FAILED

No sign of disturbance, nest empty. No adults seen. Did not hear fledgling calls.

NEST LOG SHEET

NEST ID: WVN 149

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 216140094

DATE/STATUS WHEN FOUND: 4/23/95

COLORS (R) 50 red olav

Coarse grass in rock face

COLORS (L) 1 hb1/blk

DATE 1st EGG (Indicate if backdated): 4/27/95

BLOOD SAMPLE # 2639

# EGGS LAID (Indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: y-7/24

DATE INCUBATION ONSET (Indicate if bd): \_\_\_\_\_

FEMALE BAND #: 2121-94821

EXPECTED HATCH DATE: 5/12/95

COLORS (R) lt grn

# HATCHED, DATE: \_\_\_\_\_

COLORS (L) yellow sil

FLEDGED/FAIL, #, DATE: failed on 5/10/95

BLOOD SAMPLE # 2636

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN 6

LOCATION (SPECIFIC): nest built in rock face on east side of street

DATE	TIME	INIT	STATUS
4/23/95		KB	coarse grass in rock face
4/24		KB	deer hair (in clump - wet - is <u>not</u> lined)
4/25		MR	nest lined
4/27		KB	1 egg
4/30	1840	MR	3 eggs - warm - no ♀
5/1	1220	MR	4 eggs - cold - no ♀ or ♂ → placed lure - no response
5/2	1100	YN	♀ not incubating; both birds came in together
5/3	815	MR	♀ not incubating; ♂ aggressive toward mate; ID'd birds
5/5	1530	MR	♀ not incubating; 4 eggs - all pulsed; some eggs warm, some cool; overcast, low 50s
5/7	1230	MR	♀ not incubating; 4 eggs - all pulsed; sunny, low 70s
5/10	900	MR	<u>FAILED</u>
5/20/95	0815	ER	♂ (bands not certain but consistent with the ♂) sings from old swimming pool, fan on in WVN, power cut between WVN + Dol fence no singing ♀, ♂ sing loud & from high perches
6/3	930	MR	♂ singing high in trees for over 20 minutes; no ♀ anywhere in sight

NEST LOG SHEET

NEST ID: WVN 150

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 213114307

DATE/STATUS WHEN FOUND: 5/1/95

COLORS (R) silver

3 eggs

COLORS (L) Hbl

DATE 1st EGG (Indicate if backdated): 4/25/95 (BD)

BLOOD SAMPLE # 2684

# EGGS LAID (Indicate if uncertain): 3

IMPLANT REMOVED (Y/N), DATE: Y-7/20

DATE INCUBATION ONSET (Indicate if bd): 4/28/95 (BD)

FEMALE BAND #: 213114673

EXPECTED HATCH DATE: ? 5/13/95

COLORS (R) Solt b1 oye1

# HATCHED, DATE: 3, 5/9/95

COLORS (L) lav

FLEDGED/FAIL, #, DATE: 5/20/95

BLOOD SAMPLE # 2679

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN 33 - East side of road

LOCATION (SPECIFIC): nest across from net WVN 33 under Xmas fern near ground

DATE	TIME	INIT	STATUS
5/1	7:00	MR SH	found nest across from net #33WVN; accidentally flushed ♀; 3 eggs in nest
	14:55	MR SH VN	set up lure to see ♂, no luck
5/2	10:30	VN	♀ not incubating; both birds came into lure together ♀ very aggressive; couldn't get bands
5/3	10:00	VN MR	♀ not incubating; used lure/trap to catch ♀ and ♂; got bands and processed both
5/5	15:10	MR SH	♀ incubating, flushed from nest; 3 eggs; overcast, intermittent showers, low 50s
5/7	12:35	MR	♀ on nest; 3 eggs, sunny, low 70s
5/10	3:30	MR	3 nestlings!; ♀ not on nest, cloudy low 70s; weighed nestlings
5/12	11:30	MR	3 nestlings; ♀ not on nest, but chipping at me, weighed nestlings; cloudy cool
5/15	11:15	MR AT	3 nestlings; ♀ not on nest, but came in and chipped - nestlings too small to band + bleed; will do tomorrow
5/16	14:30	MR	3 nestlings weighed, bled, banded; ♀ not on, but arrived to chip from above; sunny, warm
5/19	2:30	ZJ	could see across 2 young in nest.
5/20	10:00	ZJ	FAILED!! PIN PRIMARY FEMORALS SPREAD AROUND NEST.

NEST LOG SHEET

NEST ID: WVN 150R

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2131-14307

DATE/STATUS WHEN FOUND: 5/22 - 5/30

COLORS (R) Silver

loose cup of moss & grass <sup>nest</sup> 4 EGGS

COLORS (L) 1+61

DATE 1st EGG (indicate if backdated): \_\_\_\_\_

BLOOD SAMPLE # 2684

# EGGS LAID (indicate if uncertain): 4?

IMPLANT REMOVED (Y/N), DATE: yes 1/20

DATE INCUBATION ONSET (indicate if bd): \_\_\_\_\_

FEMALE BAND #: 2131-14673

EXPECTED HATCH DATE: ??

COLORS (R) So 116/0yel

# HATCHED, DATE: \_\_\_\_\_

COLORS (L) lav

FLEDGED/FAIL #, DATE: failed 1/14/95

BLOOD SAMPLE # 2679

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag 35

LOCATION (SPECIFIC): ~20m before tag 35 in the west bank facing the woods  
Small flagging over nest, (UNDER ROCK)

DATE	TIME	INIT	STATUS
5/22	1022	SPH MR	Nest found, loose cup of grass + moss, ♂ identified ♀ seen but no id.
5/24	1045	MR	no progress on nest; unsure if nest is active
5/25	1400	MR	- nest inactive -
~~~~~			
5/30	1130	ZIG	FOUND NEST WITH 4 JUNO EGGS 2' SOUTH UNDER ROCK FROM THE ABOVE STAKE
6/3	1330	MR	eggs broken, nest messy w/ leaf litter inside; no feathers or sign of predator species no adults seen or heard
----- FAILED -----			
6/4	1310 1330	MR	played tape to lure pair for ID - ♂ ID confirmed but no sign of ♀

NEST LOG SHEET

NEST ID: WVN 150R2

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2131-14307

DATE/STATUS WHEN FOUND: 7/2/95;

info added 8/31

COLORS (R) Silver

3 nestlings, 1 egg

COLORS (L) ltbl

DATE 1st EGG (indicate if backdated): 6/18/95

BLOOD SAMPLE # 2684

# EGGS LAID (indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: 7/20 yes

DATE INCUBATION ONSET (indicate if bd): 6/21/95

FEMALE BAND #: 2131 14673

EXPECTED HATCH DATE: \_\_\_\_\_

COLORS (R) lttbl + oyl

# HATCHED, DATE: 7/2/95 (3)

COLORS (L) lav

FLEDGED/FAIL, #, DATE: 7/8/95

BLOOD SAMPLE # 2679

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag 35 - 10 yds south of

LOCATION (SPECIFIC): last re-nest

DATE	TIME	INIT	STATUS
7/2/95	10 <sup>17</sup>	MR	♀ flushed off 3 nestlings, 1 egg; no ♂ seen or heard; weighed nestlings (day 0)
7/3	13 <sup>28</sup>	MR	♀ on, flushed; 3 nestlings, egg gone
7/4	15 <sup>40</sup>	MR	♀ not on; 3 nestlings
7/8	8 <sup>00</sup>	JH	babies gone; nest undisturbed
			Failed

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NEST LOG SHEET

NEST ID: WVN 151

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: \_\_\_\_\_

DATE/STATUS WHEN FOUND: 4 eggs - 5/9/95

COLORS (R) \_\_\_\_\_

DATE 1st EGG (Indicate if backdated): \_\_\_\_\_

COLORS (L) \_\_\_\_\_

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: failed 5/15/95

BLOOD SAMPLE # \_\_\_\_\_

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): Past Horton's pond  WVN Tag 20

LOCATION (SPECIFIC): Two ways to get there ① walk to Horton's pond follow drain until you see a large flag on left. Nest is in bank (east) under tree root  ② Go to WVN tag 20 ←

(Flag on left of road)

DATE	TIME	INIT	STATUS
5/9/95	1653	TK	Four eggs (tepid) - No adults around
5/12	12 <sup>22</sup>	MR	4 eggs - cold; no adults seen or heard; cloudy, cool played tape to lure pair - no response
5/13	1130	MR	4 egg - <del>stone</del> cold; no adults around; suspect this nest is inactive
5/14	1505	JAH	4 cold wet eggs; no parents seen or heard; collected eggs
			- FAILED -
5/15/95	916	TK	4 eggs opened and examined under scope - although there is no <sup>or embryo</sup> vascularization - they may have been fertilized - see Embryos 1995 sheet.

NEST LOG SHEET

NEST ID: WVN 152 "family"

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2131 14880

DATE/STATUS WHEN FOUND: 5/30/95

COLORS (R) sockbl oorg

♂ with fledges

COLORS (L) org

DATE 1st EGG (Indicate if backdated): —

BLOOD SAMPLE # 2705

# 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): WVN 15

LOCATION (SPECIFIC): about 100m in from road on west side

DATE	TIME	INIT	STATUS
5/30	1630	AK	saw ♂ flying with fledges - he clipped at me; got ID on ♂, but not on ♀ (I was just finding my way out from being lost when I found this nest, so I cant give very exact directions)

NEST LOG SHEET

NEST ID: WVN #153  
 MALE BAND #: 212194265  
 COLORS (R) solaroltgrn  
 COLORS (L) ltgrn  
 BLOOD SAMPLE # 2642 7bl  
 IMPLANT REMOVED (Y/N), DATE: yes 8/1/95  
 FEMALE BAND #: 216140027  
 COLORS (R) Hbl/bk  
 COLORS (L) whos  
 BLOOD SAMPLE # 2727  
 FEMALE STAYED LEFT, DATE: \_\_\_\_\_

TREATMENT GROUP: \_\_\_\_\_  
 DATE/STATUS WHEN FOUND: 5/10/95  
4 nestlings  
 DATE 1st EGG (Indicate if backdated): 4/23/95 (BD)  
 # EGGS LAID (Indicate if uncertain): 4 (uncertain)  
 DATE INCUBATION ONSET (Indicate if bd): 4/26/95 (BD)  
 EXPECTED HATCH DATE: \_\_\_\_\_  
 # HATCHED, DATE: 4, 5/7/95 (BD)  
 FLEDGED FAIL, #, DATE: 4 5/19/95

LOCATION (GENERAL): WVN 20 feet South of tag #18  
 LOCATION (SPECIFIC): follow flags on west side of WVN #18 to tree fall about 100 yds in from street

DATE	TIME	INIT	STATUS
5/10/95	10:30	MR SH	♀ not on nest, but ♂ and ♀ appeared quite quickly to chip like mad; both ♀ and ♂ feeding young (4 nestlings); came back later in the day, to weigh nestlings (~ 17:00)
5/12	18:00	SH Zig	caught ♀ in net; bled for DNA + hematocrit
5/13	9:00	MR	nest watch
5/13	11:00	MR	
5/13	2:30	MR Zig	banded and bled nestlings; couldn't get blood from one, will have to return tomorrow ♀ on nest; flushed; rainy, cold
5/14	15:10	SAH	♀ not on nest, but chipping above; bled last guy
5/16	14:00	MR	♀ not on; nestlings in nest (didn't count heads); ♀ = ♂ chipping at me from above nest; sunny, warm
5/18	9:00	ZK	SET NET FOR FLEDGE, BOTH ADULTS CHIPPY. 4 FLEDGES IN NEST.
5/19	8:00	MR/MSL	fledged 4 nestlings. Caught both ♂'s ♀. ♂ sampled for sperm, hemato/smeas & cert. female for hematocrit & smear & cert.

NEST LOG SHEET

NEST ID: WVN 154  
 MALE BAND #: 2121 94450  
 COLORS (R) Y/SLKOS  
 COLORS (L) YOLSOY  
 BLOOD SAMPLE # 2727  
 IMPLANT REMOVED (Y/N), DATE: Y-8/3/95  
 FEMALE BAND #: 221 94451  
 COLORS (R) 2DKAL  
 COLORS (L) Y/SLKOS  
 BLOOD SAMPLE # 2728  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

TREATMENT GROUP: \_\_\_\_\_  
 DATE/STATUS WHEN FOUND: 5/12/95  
3 eggs  
 DATE 1st EGG (indicate if backdated): 5/5/95  
 # EGGS LAID (indicate if uncertain): 3  
 DATE INCUBATION ONSET (indicate if bd): 5/7/95bd  
 EXPECTED HATCH DATE: unknown  
 # HATCHED, DATE: 3; 5/18/95  
 FLEDGED/FAIL, #, DATE: 5/29/94 = 2

LOCATION (GENERAL): WVN tag #49  
 LOCATION (SPECIFIC): 1/2 way up bank on east side of road; 30 feet north of tag #49

DATE	TIME	INIT	STATUS
5/12/95	1100	MR	3 junco eggs; ♀ on nest (UB); flushed ♀, no ♂ around; cool, cloudy
5/13/95	AM 1130	Zj Zj	CT 2 BIOSIN NET AT TAG 51 (BOTH UB). ♀ BACK IN NEST.
5/15/95	1600	MR SH	♀ on nest; flushed; 3 junco eggs; positive ID of ♀; ♂ not around; sunny, warm
5/17/95	1630	JAH	♀ on 3 eggs; no ♂ seen or heard
5/18/95	1300	MR	3 nestlings hatched; ♀ not on, but chirping nearby; nestlings still wet, just hatched; 1 nestling looked close to dying - probably won't be there tomorrow; weighed nestlings
5/19/95	0800	Zj	WARMED. SAW ♂ BRING FOOD TO NEST. (IT LOOKS LIKE THEY EXCHANGE FOOD + ♀ ARE IT!!). ♂ 10 VOMIT FOOD.
5/22/95	1405	MR	2 nestlings; ♀ not on, but chirping from above; cloudy, warm
5/24/95		MR	banded + bled 2 nestlings; ♀ on, flushed; nestlings looked weak and in less than average condition
5/28	1240	MR	2 nestlings in nest; ♀ chirping from above raining, cool
5/29	1400	Zj	FLOOD BY 1400 IN NEST @ 1200. Zj.
6/14/95	1630	Ek	Saw ♂ and 2 fledglings (2 yds and red) did not see ♀ - she has remained at nest?

NEST LOG SHEET

NEST ID: WVN 154II TREATMENT GROUP: \_\_\_\_\_  
 MALE BAND #: 221 94450 DATE/STATUS WHEN FOUND: 6/15/95 ;  
 COLORS (R) yel/blk os 4 eggs  
 COLORS (L) yel oltan oyel DATE 1st EGG (indicate if backdated): 6/7/95 (BD)  
 BLOOD SAMPLE # 2729 # EGGS LAID (indicate if uncertain): 4 uncert.  
 IMPLANT REMOVED (Y/N), DATE: 8/3/95 DATE INCUBATION ONSET (indicate if bd): 6/10/95 (BD)  
 FEMALE BAND #: 221 94451 EXPECTED HATCH DATE: unknown  
 COLORS (R) o d k b l # HATCHED, DATE: 4 ; 6/21/95  
 COLORS (L) yel/blk os FLEDGED/FAIL, #, DATE: 7/2 2 fledged  
 BLOOD SAMPLE # 2728  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag #53  
 LOCATION (SPECIFIC): 20 yards north of tag #53 on east side of road in bank

DATE	TIME	INIT	STATUS
6/15/95	847	MR	flushed ♀ off 4 junco eggs ; positive ID of ♀
6/19	1403	MR	♀ flushed off 4 junco eggs
6/21	1548	MR	♀ on, flushed off 4 nestlings - weighed
6/24	1630	ES	♀ flushed off 3 nestlings (d3)
6/27	1555	MR	♀ flushed; banded & bled 2 nestlings
6/27	0938	SL	Attempted nest watch. Flushed @ 1030 after not seeing ♀ or ♂. 2 nestlings
6/30	0900	SPH	90 minute nest watch. Parents were not very attentive to the nest. Saw 2 nestlings.
7/1	1900	SPH	set 1 net for fledging day tomorrow. Saw 2 nestlings in nest. ♂ & ♀ chipped @ me.
7/2	0730	SPH	Fledged 2 young. Bled both adults for cort. 1 nestling was very small (see nestling weight sheet).
7/8	1100	ES	saw ♂ and ♀ (pos ID'd) and one fledgling @ WVN tag 52 both adults had food but not seen feeding

NEST LOG SHEET

I

NEST ID: WVN 155

TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2121 94877

DATE/STATUS WHEN FOUND: 5/15/95

COLORS (R) lt grn o s

4 nestlings

COLORS (L) 2 lt bl

DATE 1st EGG (indicate if backdated): 4/20/95 (BD)

BLOOD SAMPLE # 2680

# EGGS LAID (indicate if uncertain): 4; uncertain

IMPLANT REMOVED (Y/N), DATE: n

DATE INCUBATION ONSET (indicate if bd): 4/23/95 (BD)

FEMALE BAND #: 2161 40920

EXPECTED HATCH DATE: \_\_\_\_\_

COLORS (R) dk bl / wh

# HATCHED, DATE: 4; 5/4/95 (BD)

COLORS (L) 5 o rd o lav

FLEDGED/FAIL, #, DATE: 4; 5/17/95

BLOOD SAMPLE # 2678

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN Warspur parking lot

LOCATION (SPECIFIC): 22ft north of parking lot on east side of road; flag across road from nest + flag just to left of nest hanging from tree; nest under a rock, on ground

DATE	TIME	INIT	STATUS
5/15/95	9:20	MR	♀ feeding 4 nestlings (look like they might fledge soon! spent around 40 min. near nest; ♂ sang almost the whole time + did not feed nestlings once ♀ chipping at me; sunny, warm
5/16	14:30	MR	nestling look like they're ready to pop!; set up nets for fledging tomorrow; ♀ and ♂ chipped from above; sunny, warm
5/17	7:00	SH TK	4 fledged 4 nestlings - caught both male and female -

NEST LOG SHEET

U-U

NEST ID: WVN 155B  
WVN 155H  
 MALE BAND #: 2101 060602  
 COLORS (R) Ⓟ soft gray/whit  
 COLORS (L) Hbl/dkbl oye1  
 BLOOD SAMPLE # 2919  
 IMPLANT REMOVED (Y/N), DATE: n  
 FEMALE BAND #: 2161 40920  
 COLORS (R) dkbl/whit  
 COLORS (L) soft red/whit  
 BLOOD SAMPLE # 2678  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

TREATMENT GROUP: \_\_\_\_\_  
 DATE/STATUS WHEN FOUND: just beginning  
5/26  
 DATE 1st EGG (indicate if backdated): 6/2/95  
 # EGGS LAID (indicate if uncertain): 3  
 DATE INCUBATION ONSET (indicate if bd): 6/4/95  
 EXPECTED HATCH DATE: 6/15/95  
 # HATCHED, DATE: 3 on 6/16  
 FLEDGED/FAIL, #, DATE: fledged (2 definitely)  
6/27/95

LOCATION (GENERAL): WVN 5000 sq ft lot W bank - Wren Sparrow  
 LOCATION (SPECIFIC): ca 1' above ditch, W bank, 10 m S of S end of nest just  
S of Wren Sparrow

DATE	TIME	INIT	STATUS
5/26	1545	VN	♀ gathering grass in nest w/ 5 m D nest at times, makes ♀-E trips to nest in N.S. wing 11 w/ 3 min. She stays so close I don't get out of car & scare her. No ♂ in evidence.
5/28	1830 1845	MR	watched ♀ gathering nesting material ~3 times in 15 minutes of observation; foggy, cool
5/29	1130	ER	nest complete, full, empty
5/30	1200	VN	slightly messy, empty. (Consent leaf).
5/31	0725	MR	nest deer hair lined; did not see leaf; no birds seen or heard; cool, sunny
"	1300	VN	Same as MR
6/1	0725 1100	ER VN	No progress of any kind. same
6/2	1055	MR	1 egg! ♀ not on; no birds seen or heard; hard rain
"	1100	VN	Same
6/3	1115	VN	2 eggs - ♀ not on - no birds seen or heard
6/4	1300	MR	♀ on, flushed; 3 junco eggs; warm, sunny
"	1100	VN	♀ off - 3 eggs
6/5	1030	VN	♀ off - 4 eggs later: I think I was mistaken re 4 egg
6/5	1415	MR	♀ on, flushed; saw only 3 eggs?!
6/6	1100	VN	♀ on - flushed - did it look for feces I'd scare her
6/7	1130	VN	♀ on - flushed - 3 eggs.
6/8	1107	VN	♀ on - flushed - 3 eggs

NEST LOG SHEET

NEST ID: 155 II

DATA ON NEST WT SHEET

DATE	TIME	INIT	S
6/9	1100	VN	♀ + ♂ 3 eggs
6/10	1050	VN	↓ 1 egg
6/13	1050	VN	♀ 3 eggs
6/14	1115	VN	♀ 3 eggs
6/15	1115	VN	♀ 3 eggs
6/16	1545	MR	♀ not on, but chirping nearby; 3 nestlings weighed nestlings, ♀ off B.
6/17	1330	VN	♀ on
6/22	8:20	JAH	nest watch; ♂ is not ♂ from 1 <sup>st</sup> nest; Zig: I working on figuring out who he is
6/25	1355	JAH	B & B three babies
	7:20	JAH	nest watch;
	2030	JAH	caught ♂; using lure: not
6/27	800	MR	Fledging day - nestlings already fledged when I got there. Caught 1 fledger and used to lure parents into net - only able to catch ♀ (processed blood). Unable to catch ♂ even with fledge in potters tray with fledging calls tape. Also caught one other fledger for processing. Did not see 3 <sup>rd</sup> fledger.

\* Nest was originally named WVN 155 II But since nest is not w/ same male (male of WVN 155) Nest was renamed WVN 155B.

NEST LOG SHEET

NEST ID: WVN 156  
 MALE BAND #: UB  
 COLORS (R) \_\_\_\_\_  
 COLORS (L) \_\_\_\_\_  
 BLOOD SAMPLE # \_\_\_\_\_  
 IMPLANT REMOVED (Y/N), DATE: \_\_\_\_\_  
 FEMALE BAND #: UB 212194464  
 COLORS (R) R ODK B L O R  
 COLORS (L) Y/BLK  
 BLOOD SAMPLE # \_\_\_\_\_  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

TREATMENT GROUP: \_\_\_\_\_  
 DATE/STATUS WHEN FOUND: 6/8/95; 4  
eggs  
 DATE 1st EGG (Indicate if backdated): \_\_\_\_\_  
 # EGGS LAID (indicate if uncertain): 4  
 DATE INCUBATION ONSET (indicate if bd): \_\_\_\_\_  
 EXPECTED HATCH DATE: UNKNOWN  
 # HATCHED, DATE: \_\_\_\_\_  
 FLEDGED/FAIL #, DATE: failed 6/12

LOCATION (GENERAL): WVN tag #40  
 LOCATION (SPECIFIC): 10yds north of tag 40 in bank on east side of road

DATE	TIME	INIT	STATUS
6/8/95	1700	VN	found nest w/ 4 unco eggs!; ♀ on, flushed; flew so fast we couldn't get bands. 1 egg prog undeveloped
6/9	1030	MR	♀ flushed off nest; ♀ did not chip at me, but ♂ did a little; both ♂ + ♀ UB; ♂ stayed near ♀ at all times during the 15 min. I observed - both stayed near the nest
6/9	1700	2AS	CT ♀ IN NET IN WOODS WHILE USE LVR ♂ ONLY TO FOTO →
6/10	1030 1130	VN	♀ on 4 eggs, ♂ won't enter trap with her, ♀ shows no interest.
6/11	1700	MR	♀ on 4 eggs
6/12	1500	MR	eggs gone - nest pushed open a bit; no sign of predators, no egg shell left

— FAILED —

NEST LOG SHEET

NEST ID: WVN 157  
 MALE BAND #: 2121 942 165  
 COLORS (R) 50 lavolt grn  
 COLORS (L) lt grn  
 BLOOD SAMPLE # 2642  
 IMPLANT REMOVED (Y/N), DATE: 8/1/95  
 FEMALE BAND #: 2161 40191  
 COLORS (R) DK BL  
 COLORS (L) 502 YEL  
 BLOOD SAMPLE # 2969  
 FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

TREATMENT GROUP: \_\_\_\_\_  
 DATE/STATUS WHEN FOUND: 6/12/95;  
4 junco eggs  
 DATE 1st EGG (indicate if backdated): 6/8/95  
 # EGGS LAID (indicate if uncertain): 4  
 DATE INCUBATION ONSET (indicate if bd): 6/11/95  
 EXPECTED HATCH DATE: unknown  
 # HATCHED, DATE: 6/22/95; 4  
 FLEDGED/FAIL, #, DATE: 4; 7/3/95

LOCATION (GENERAL): WVN tag 20  
 LOCATION (SPECIFIC): 10 yds south of tag 20 on east side of road in ban

DATE	TIME	INIT	STATUS
6/12/95	1400	MR	♀ flushed off 4 junco eggs but could not get bands due to foggy weather
6/14/95	0900	219	♀ CAME OFF, FLEDGED IN ROAD NEARBY WVN 153 → FOLLOW UP !!
6/19	1330	MR	♀ on, flushed off 4 junco eggs
6/20	1101	MR	♀ not on; 4 junco eggs warm
6/22	1537	MR	♀ not on; 3 nestlings weighed, legg
6/25	1330	MR	♀ not on; 4 nestlings
6/28	900	MR	♀ not on; nest watch
	1420	JAH	B&B 4 nestlings both parents clipping & feeding
7/3	245	MR	fledged 4 nestlings; bled both parents (although didn't get left); one fledge has a broken left femur and another was quite infested with flat flies

17

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NEST LOG SHEET

NEST ID: WVN 158 "family" TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2121 94860 DATE/STATUS WHEN FOUND: 6/16/95;  
Family w/ fledges

COLORS (R) ltbl os DATE 1st EGG (indicate if backdated): \_\_\_\_\_

COLORS (L) blk/ltbl # EGGS LAID (indicate if uncertain): \_\_\_\_\_

BLOOD SAMPLE # 2681 DATE INCUBATION ONSET (indicate if bd): \_\_\_\_\_

IMPLANT REMOVED (Y/N), DATE: yes 7/25 EXPECTED HATCH DATE: \_\_\_\_\_

FEMALE BAND #: 2121 94453 # HATCHED, DATE: \_\_\_\_\_

COLORS (R) ro wh or FLEDGED/FAIL, #, DATE: \_\_\_\_\_

COLORS (L) yel/blk os

BLOOD SAMPLE # 2731

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag #65

LOCATION (SPECIFIC): ~ 20 m in east from road

DATE	TIME	INIT	STATUS
6/16/95	10:15	MR RH	Pair has fledges; ♀ collecting food; fledging calls.

NEST LOG SHEET

C-L

ST ID: WVN 159 TREATMENT GROUP: \_\_\_\_\_

MALE BAND #: 2121 94754 DATE/STATUS WHEN FOUND: 7/2/95;  
4 nestlings

COLORS (R) lt gm os DATE 1st EGG (indicate if backdated): 6/9/95

COLORS (L) blk # EGGS LAID (indicate if uncertain): 4

BLOOD SAMPLE # 2981 DATE INCUBATION ONSET (indicate if bd): 6/12/95

IMPLANT REMOVED (Y/N), DATE: \_\_\_\_\_ EXPECTED HATCH DATE: \_\_\_\_\_

FEMALE BAND #: 2131 14284 # HATCHED, DATE: 6/23/95; 3

COLORS (R) blk FLEDGED/FAIL, #, DATE: 7/4/95

COLORS (L) solan

BLOOD SAMPLE # ~~2981~~ 2980

FEMALE STAYED/LEFT, DATE: \_\_\_\_\_

LOCATION (GENERAL): WVN tag #59

LOCATION (SPECIFIC): 10 yds south of tag #59 on east side of road; nest in bank facing woods, not road

DATE	TIME	INIT	STATUS
7/2/95	1130	MR	♀ and ♂ chipping in front of nest w/ 3 nestlings (probably ~9 days old); ♀ feeding
	700	MR ES	looked at nestlings to determine age; ES approximates ~9 days old - will fledge day after tomorrow
7/4/95	845	MR	fledged 3 babies; caught ♂ and ♀ in net; banded ♂; bled ♂, ♀, and babies; found 1 unhatched egg in nest
7/11/95	525	MR	sighted family - chipping at me on road
7/14/95	am	ex	saw family, FDA both adults, saw ♂ carry food, seen right at tag 60

NEST LOG SHEET

NEST ID: Nest start TREATMENT GROUP: \_\_\_\_\_  
 MALE BAND #: \_\_\_\_\_ DATE/STATUS WHEN FOUND: 5/9/95  
 COLORS (R) \_\_\_\_\_ grass/moss  
 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): WVN tra 20  
 LOCATION (SPECIFIC): in east bank of road (I marked it w/ large flag, across (west) side of road, small flag above nest start.

DATE	TIME	INIT	STATUS
5/9/95	1736	TK	found nest start. Don't know if it will become anything. But saw a pair of birds that chipped at me. Pair was: DKBI OS @ w @ and an <u>UB</u> bird.
5/12/95	1730	HR	nest is now lined with deer hair; no adults around; expect this is an active nest
5/14/95	15:00	JAH	nest lined w/ deer hair, put leaf in lip of nest
5/16/95	1800	HR	leaf still in nest - perhaps inactive?
5/22	1130	HR	<u>inactive nest</u>