

Ketterson / Nolan Research Group Collection

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

Context Statement

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

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NEST LOG SHEET

NEST ID: WUN 270

TREATMENT GROUP: _____

MALE BAND #: 174147871

DATE/STATUS WHEN FOUND: 5/9 4 eggs inc.

COLORS (R) org + grn

DATE 1st EGG (indicate if backdated): _____

COLORS (L) sil + grn

EGGS LAID (indicate if uncertain): 4

BLOOD SAMPLE # 6145

DATE INCUBATION ONSET (indicate if bd): _____

IMPLANT REMOVED (Y/N), DATE: _____

FEMALE BAND #: 188171015

EXPECTED HATCH DATE: _____

COLORS (R) yel o dk bl

HATCHED, DATE: 4 hatched 5/11

COLORS (L) blk o silver

FLEDGED/FAIL, #, DATE: Failed 5/17

BLOOD SAMPLE # 6202

mtd - nest

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WUN TAG 46

LOCATION (SPECIFIC): ~20 M past tag - nest is on Right bank (on way towards spur)
~1 M high

DATE	TIME	INIT	STATUS
5/9	1400	TG	nest w/ 4 eggs warm - Both ♂ + ♀ seen foraging
5/11	1630	TG/ES	4 nestlings day 3 - flushed ♀ off - weighed.
5/14	1645	TG	3 nestlings - flushed ♀ off
5/16	PM	JWM	Set up net for day 6 watch - parents chipped
5/17	615	SES JWM	Caught ♀ in road net, but nest was empty. Banded, bled female.
			Failed

NEST LOG SHEET

NEST ID: WVN 270R

TREATMENT GROUP: 5/26/04

MALE BAND #:

DATE/STATUS WHEN FOUND: 4 eggs, warm

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 1881-71015

EXPECTED HATCH DATE: unkn

COLORS (R) yel o dk bl

HATCHED, DATE:

COLORS (L) blk o sil

FLEDGED/FAIL, #, DATE: 6/8 - eggs

BLOOD SAMPLE # 6202

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WVN tag 45

LOCATION (SPECIFIC): ~15 m before WVN tag 45 if going toward War Spur (on L side of bank) underneath a bush

DATE	TIME	INIT	STATUS
5/26	1531	SES	flushed ♀ off 4 warm eggs. I did her as yel o dk bl ^(e) blk o sil ♀ chirped. NO c? s/h
5/27	800	JMG	♀ on 4 eggs. Flushed her. Filmed inc watch but found out the camera moved. Will have to film AM watch again. No sign of ♂
5/27	1307	JMG	Filmed PM inc. watch. Flushed ♀. Positively I did her. ♂ not around.
5/28	0800	ES	♀ on 4 eggs, Flushed her and Filmed AM inc watch
5/28	1305	JMG	♀ on 4 eggs. Flushed her. Filmed PM inc. watch.
5/28	1430	SES	Flushed ♀ off 4 eggs. She chirped lightly & then got back on nest after I walked by
6/1	1437	ES	♀ on 1 waited nearby
	1447	"	" " " " "
	1458	"	♀ not on 4 j. eggs
6/3	1515	TG	♀ on - waited for her to leave - ♀ to 6 6 4 eggs.
6/5	0745	ES	♀ not on, 4 j eggs
6/7	1345	JMG	4 cold eggs. ♀ not on. No js s/h. Should have hatched already. - failed?
6/8	AM	TG	4 cold wet eggs - snail crawling on eggs
6/8	1235	ES	collected 4 eggs ^{abandoned} not brought them to lab, opened eggs in lab. all 4 little walk left but

NEST LOG SHEET

NEST ID: WVN 271

TREATMENT GROUP: _____

MALE BAND #: 188771099

DATE/STATUS WHEN FOUND: 5/17, 4 d6 n

COLORS (R) blk o sil

COLORS (L) yel o org

DATE 1st EGG (indicate if backdated): _____

BLOOD SAMPLE # 6143

EGGS LAID (indicate if uncertain): _____

IMPLANT REMOVED (Y/N), DATE: _____

DATE INCUBATION ONSET (indicate if bd): _____

FEMALE BAND #: 165185141

EXPECTED HATCH DATE: _____

COLORS (R) lav o lt bl

HATCHED, DATE: _____

COLORS (L) yel o sil

FLEDGED/FAIL, #, DATE: Failed 5/17

BLOOD SAMPLE # 6203

FEMALE STAYED/LEFT, DATE: _____

MD-Nest

LOCATION (GENERAL): WVN tag 72

LOCATION (SPECIFIC): ~20 m before tag 73 on west bank (uphill)

DATE	TIME	INIT	STATUS
5/17	820	Jwm	Saw both parents chipping w/food. Located nest when ♀ fed. 4 nestlings, estimated day 6. Set up net to capture ♀.
	935	Jwm TG/Jwm	Caught female after catching ♂ twice. Measured 4 n. Started day 6 watch.
	1150	Jwm	Checked on camera & saw a sharp-shinned hawk at nest. Checked nestlings - only 3 left.
	1405	Jwm SES	Went to turn off camera + return ♀. Only 1 nestling left, ♂ still feeding and chipping. Banded nestling + took blood. Saw Sharp-shinned hawk carrying off 3 nestlings on tape.
	1500	Jwm	Nest empty.
			<u>Failed</u>

NEST LOG SHEET

NEST ID: WVN 271 II 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 #: 1651 851 41 EXPECTED HATCH DATE: 7/17
 COLORS (R) lav o lb # HATCHED, DATE: _____
 COLORS (L) yel o sil FLEDGED/FAIL, #, DATE: 7/19 late nest
 BLOOD SAMPLE # 6203
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WVN tag 70
 LOCATION (SPECIFIC): ~15m past tag 70 low on uphill bank

DATE	TIME	INIT	STATUS
7/5	0820	ES	3j eggs, cold
7/6	0810	ES	4j eggs (didn't touch them) no ♂ or ♀ around
7/7	1605	JWM	Flushed ♀ off 4 eggs. Collected largest egg. ID'ed ♀.
7/11	1333	JWM	♀ flushed off 3 eggs while I tried to do QPC.
7/14	845	JMG	♀ on. flushed by accident, 3 eggs.
7/17	1340	JWM JMG	♀ flushed off 3 eggs.
7/18	1315	TG	♀ flushed off 2 do nestlings legg. weighed + measured nestlings
7/19	1420	TG	Nest Ripped out of bank. no j's s/H

Failed

NEST LOG SHEET

NEST ID: WVN 271R

TREATMENT GROUP: _____

MALE BAND #: 188171099

DATE/STATUS WHEN FOUND: 5 eggs

COLORS (R) blk os

COLORS (L) yel o org

DATE 1st EGG (indicate if backdated): _____

BLOOD SAMPLE # 6143

EGGS LAID (indicate if uncertain): _____

IMPLANT REMOVED (Y/N), DATE: _____

DATE INCUBATION ONSET (indicate if bd): _____

FEMALE BAND #: 1651-85141

EXPECTED HATCH DATE: unkn

COLORS (R) lav o lt bl

HATCHED, DATE: _____

COLORS (L) yel o sl

FLEDGED/FAIL, #, DATE: 3 fledged 6/19

BLOOD SAMPLE # 6203

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): between WVN tags 72 + 73 on W side

LOCATION (SPECIFIC): 1/2 way up bank (west) ~ 10 m before tag 73

DATE	TIME	INIT	STATUS
5/30	1503	SES	flushed ♀ off 5 eggs ID'd her as lav o lt bl ^(R) yel o sl ^(L) No ♂ s/h
5/31	830	Jwm	♀ not on. Waited for her to get on. Flushed off 5 eggs. Filmed Amine watch
5/31	1330	JMG	♀ on. flushed. Filmed PM inc. watch. 5 eggs. No ♂ s/h.
6/2	1445	SES	♀ on. Waited nearby
	1505	SES	♀ not on. 5 j-eggs
6/4	8:46	ES	♀ flushed (I flushed her accidentally) off 5 j eggs
6/7	1400	JMG	♀ flushed - 5 eggs - 10 d ♂ as blk os ^(R) yel o org ^(L) both clipped.
6/8	1245	ES	♀ flushed off of 3 nestlings 2 eggs. Confirmed ID of ♂ blk os ^(R) yel o org ^(L) <i>did not measure them thought they were measured early earlier today</i>
6/9	1325	Jwm	♀ flushed off 3 n, 2 e. Weighed/measured nestlings
6/10	1355	Jwm	♀ off & chipping w/ food. Removed 2 uh eggs. Opened eggs in lab, both were underdeveloped.
6/11	1245	Jwm	♀ flushed off 3 d3 n.
6/13	1430	Jwm	♀ off - set up net for d6 watch
6/14	645	Jwm	Caught ♀ for d6 watch. Weighed 3 d6 n.
	1055	Jwm	Returned ♀. Weighed 3 d6 n.
	1605	Jwm	Weighed/measured/banded/bled 3 d6 n.
6/15	620	JMG	opened net. Caught ♀, let her go. Caught ♂. Brought back for GNRH. 1 weighed & measured him. Also weighed 3 D7 ntlgs. Set up camera
6/15	1113	JMG	Returned ♂ and weighed ntlgs.
6/17	1240	Jwm	Day 9, nest still active
		ES	all fledged day 9 ♂ and ♀ for stress, propped both, 3 fledglings propped

NEST LOG SHEET

NEST ID: WUN 272

TREATMENT GROUP: _____

MALE BAND #: 2171 05331

DATE/STATUS WHEN FOUND: 5/24 d11? nestl.

COLORS (R) Yel 0.5:1

COLORS (L) 2 Lt Bl

DATE 1st EGG (indicate if backdated): _____

BLOOD SAMPLE # 6248

EGGS LAID (indicate if uncertain): _____

IMPLANT REMOVED (Y/N), DATE: _____

DATE INCUBATION ONSET (indicate if bd): _____

FEMALE BAND #: 1881 71002

EXPECTED HATCH DATE: _____

COLORS (R) lav

HATCHED, DATE: _____

COLORS (L) Blk 0.5:1

FLEDGED/FAIL, #, DATE: 5/25, 4

BLOOD SAMPLE # 6105

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WUN tag 10

LOCATION (SPECIFIC): ~ 5M before tag 10 - nest ~ 50 M from Rd on left side (away from stn). in hole of dead tree ~ 2.5M high

DATE	TIME	INIT	STATUS
5/24	1050	16/ES/SG	♂ + ♀ chipping + gathering food. ≥ 2 d11? nestl.
5/24	1500	16/ES	Set up a net for fledging ≥ 3 nestlings very long in nest. ♂ + ♀ chippy - ♀ seen feeding.
5/25	Am	JWM SES	Caught ♂ for GnRH challenge & ♀ for stress series, weighed, measured, banded, bled 4 nestlings, estimated day 11. (maybe 12). Nestlings hopped out of nest.

4 fledged

NEST LOG SHEET

NEST ID: WVN 273

TREATMENT GROUP: _____

MALE BAND #:

DATE/STATUS WHEN FOUND: ♀ inc 4 eggs 5/27

COLORS (R) _____

DATE 1st EGG (indicate if backdated): _____

COLORS (L) _____

EGGS LAID (indicate if uncertain): _____

BLOOD SAMPLE # _____

DATE INCUBATION ONSET (indicate if bd): _____

IMPLANT REMOVED (Y/N), DATE: _____

EXPECTED HATCH DATE: _____

FEMALE BAND #: 188171308

COLORS (R) 2 ltgrn

HATCHED, DATE: _____

COLORS (L) wht/dkbl os

FLEDGED/FAIL, #, DATE: Failed 5/31

BLOOD SAMPLE # 6173

inc

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WVN tag 15

LOCATION (SPECIFIC): on east bank halfway up bank

DATE	TIME	INIT	STATUS
5/27	1100	JMG	Found nest w/ 4 eggs. ♀ flushed, No ♂ around. No ID on ♀ yet.
5/27	1500	JMG	♀ on 4 eggs. Flushed and ID'd her as (L) <u>wht/dkbl os</u> . No sign of ♂ (R) <u>2 ltgrn</u>
5/28	1305	JMG	♀ on 4 eggs. Flushed. Filmed PM inc. watch.
5/29	810	JMG	♀ on 4 eggs. Flushed. Filmed AM inc. watch.
5/30	1330	SES	♀ on nest. No ♂ s/l
5/31	945	JMG	No js. Nest torn out.

————— FAILED —————

NEST LOG SHEET

NEST ID: WUN 274

TREATMENT GROUP: _____

MALE BAND #: 165185506

DATE/STATUS WHEN FOUND: _____

COLORS (R) red o s

COLORS (L) 2 lt grn/red

DATE 1st EGG (indicate if backdated): _____

BLOOD SAMPLE # 6301

EGGS LAID (indicate if uncertain): _____

IMPLANT REMOVED (Y/N), DATE: _____

DATE INCUBATION ONSET (indicate if bd): _____

FEMALE BAND #: 174147378

EXPECTED HATCH DATE: 6/8

COLORS (R) blk o red.

HATCHED, DATE: 3, 6/10

COLORS (L) org o s

FLEDGED/FAIL, #, DATE: 21 6/30

BLOOD SAMPLE # 6297

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WUN tag 33

LOCATION (SPECIFIC): _____

DATE	TIME	INIT	STATUS
5/24	900	ES/TK	Acw ♀ fly off bank & hopped on road, then scared egg - good nest start lined w/ fresh grass.
5/27	815	JMG	3 eggs - cold. No js around. Will check in PM.
5/27	1430	JMG	3 eggs. No js. Still cold.
5/28	1000	ES	4 eggs, No junco, didn't touch eggs to check if warm, waited nearby ~ 7 min no birds seen.
5/28	1445	JMG	♀ on 4 eggs. Flushed her. ID'd her as (L) org o s (R) blk o red
5/29	830	JMG	♀ on 5 eggs. Flushed.
5/29	1500	ES	♀ on, I checked from a distance (passing check)
	1520	ES	♀ off, collected largest egg, now there are 4 eggs in nest (for egg steroids)
5/30	1500	JMG	♀ on. 4 eggs. didn't film due to heavy rain
5/31	809	JMG	♀ on 4 eggs. Flushed. Filmed AM inc watch
5/31	1321	JMG	♀ on. Flushed. Filmed PM inc watch
6/3	1030	TK	♀ on QPC - No ♂ s/h
6/5	0750	ES	♀ not on, 4 j eggs
6/7	1420	JMG	♀ on. 4 eggs. I heard a ♂ singing nearby.
6/8	1241	ES	♀ flushed, 4 eggs
6/9	1325	Jwm	♀ off 4 warm eggs.
6/10	1345	Jwm	♀ off 3 h. weighed/measured (do). ♀ returned w/ food and chipped. No ♂ s/h. (No unhatched egg, either).
6/12	1500	ES	♀ on, I waited nearby for 30 to ID ♂, no ♂ came

NEST ID: WVN 274

DATE	TIME	INIT	STATUS
6/15	1040	JMG	♀ on. flushed. Saw 3 ntg. She chirped. I waited 5 min for ♂ to come but he did not. So, I left.
6/16	1430	JMG	Set up net for d6 watch. ♀ chirped. No ♂ s/h.
6/16	620	JMG	Opened net for d6. Caught ♀, weighed, measured her. Weighed 3 d6 ntgs. Filmed. Back in the lab, the ♀ was GnRH-d and bled for DNA.
6/16	1032	JMG/JMM	Returned ♀. Weighed 3 ntg. No sign of ♂ well, other than that he fed the ntgs.
6/17	PM	JMG	Banded, measured, bled 3 ntg. ♀ chirped.
6/17	846	JMM	Caught ♂ for d7 watch. Weighed 3 d7 n. GnRH-challenged ♂ & bled for DNA.
6/17	1056	JMM	Returned ♂. Weighed 3 d7 n. They kept hopping out of the nest (?!), but eventually they stayed.
6/19	1300	ES	d9 check, saw 3 nestlings
6/20	1010	ES	set up an additional 6m net for fledge day (now 2 are there)
6/21	615	JMG	♀ flushed off ≥ 2 nestlings d10 nest empty. No js s/h. Will check later to see if I can find fledglings
6/21	1100	JMG/ES	Found 1 fledgling and parents. ID-d ♀ positively. They were uphill at tag 33-34.
			— ≥ 1 Fledged —
6/30	910	TG	Saw both parents- chirpy vigorously + heard fledgling cries from 2 different directions below Road down hill from tag 34

NEST LOG SHEET

NEST ID: WVN 274 II TREATMENT GROUP: _____
 MALE BAND #: 165183506 DATE/STATUS WHEN FOUND: _____
 COLORS (R) red o s
 COLORS (L) 2 lt gm/red DATE 1st EGG (indicate if backdated): _____
 BLOOD SAMPLE # 6301 # EGGS LAID (indicate if uncertain): _____
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): _____
 FEMALE BAND #: 174147378 EXPECTED HATCH DATE: 7/21
 COLORS (R) ~~red~~ blk o red # HATCHED, DATE: _____
 COLORS (L) org o s FLEDGED/FAIL, #, DATE: 3 8/1
 BLOOD SAMPLE # 6297
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): WVN tag 38
 LOCATION (SPECIFIC): ~20m past tag 38, low on bank

DATE	TIME	INIT	STATUS
7/5	AM	ES	Saw ♀ w/ grass in bill, coddit and nest, saw red on right leg
7/8	1000	ES/TG	found nest, 2 j eggs, marked both "II"
7/9	0910	ES/JMG	3rd egg, marked "III" w/ pencil
7/10	1000	ES/TG	4 j eggs, no birds s/h
7/11	1340	JWM	♀ off 4 j eggs. Collected egg 3. No j s/h.
	1510	OTG/JWM	1 Ded ♀ (Flushed).
7/14	900	JMG	♀ on. QPC
7/17	1345	JMG	♀ flushed off.
7/20	PM	JMG	♀ on.
7/21	1300	TG/JMG	♀ on. flushed off 1 ntly (do) and 2 eggs.
7/22	1530	JMG	♀ on flushed off 3 ntly. Weighed and meas. them.
7/24	1510	TG	♀ flushed off 3 nestlings.
7/27	1500	KH/PR	Day 6 bleed, weigh tarsus. 3 nestlings. Pcs ID on ♀. No ♂ present.
7/30	1030	JMG	Nestlings okay, day 9.
7/31	1030	JWM	Set up net for fledging. ♀ chipped heavily.
8/1	1445	JWM	IDed ♂ (got red o s Ⓡ), seems likely this is the same ♂ as WVN 274.)
8/1	640	JMG/JWM	Fledging day. Caught ♀, processed and stress series'd her. Grabbed kids (3 ntly.) but somehow they escaped the manly grasp of Joel. Didn't catch male. returned ♀.

NEST LOG SHEET

NEST ID: WVN 275

TREATMENT GROUP: _____

MALE BAND #: 188171304

DATE/STATUS WHEN FOUND: 5/29

COLORS (R) w/dk blos

building - moss ring

COLORS (L) white o/av

DATE 1st EGG (indicate if backdated): _____

BLOOD SAMPLE # 6147

EGGS LAID (indicate if uncertain): _____

IMPLANT REMOVED (Y/N), DATE: _____

DATE INCUBATION ONSET (indicate if bd): _____

FEMALE BAND #: 188171326

EXPECTED HATCH DATE: 6/16

COLORS (R) white o red

HATCHED, DATE: 4 ~ 6/17

COLORS (L) w/red o s

FLEDGED/FAIL, #, DATE: 5 6/24

BLOOD SAMPLE # 6335

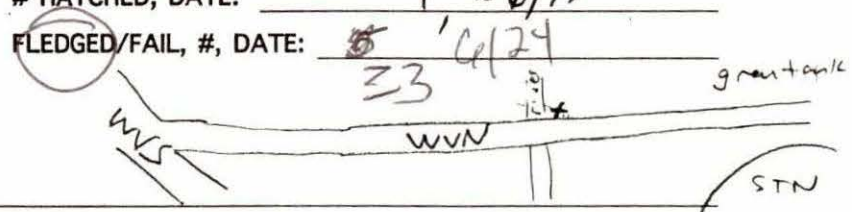
33 granitic

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WVN tag 6

LOCATION (SPECIFIC): high on downhill bank, W side of WVN, right next to drainage pipe where stream flows under WVN

DATE	TIME	INIT	STATUS
5/29	10:00	ES	Saw UB ♀ perched right across from new nest start. Mossy ring is new (I checked this spot 1 week ago and it was a dirt scrape) ♀ chipped a few times, I flagged the nest site and left immediately
5/31	1000	JMG	Complete grass cup w/ deer hair. No js s/h.
6/1	1321	ES	nest looks complete, no eggs, no js s/h
6/2	1320	SES	Marked 1st egg "I". UB ♀ nearby, chipped a couple of times @ me, then flew away
6/3	1050	TG	marked egg 2 as "II" NO JS S/H
6/4	900	ES	marked egg 3 as "III"
6/5	0820	ES	4j eggs (didn't mark egg 4) didn't touch eggs to check for warmth
6/6	1630	TG	5j eggs - collected egg marked "III"
6/9	1405	JWM	♀ on, QPC.
6/12	1425	ES	♀ not on 4j eggs
6/15	1020	JMG	♀ on. QPC.
6/16	1516	ES	♀ flushed off 4j eggs
6/17	1300	Jwm	♀ off 4 eggs. No j s/h.
6/18	1350	ES/Jwm	♀ flushed off 4 nestlings est. d1 weighed/measured
6/19	1330	ES	10 ♂, he came in and chipped w/ food, ♀ flushed off 4 d3 nestlings



NEST ID: WVN 275

DATE	TIME	INIT	STATUS
6/22	1730	ES/216	set up 6m net for tomorrow's d6 nestwatch, ♀ clipped ^{gross} from nest
6/23	0900	ES	at ♂ for d6 nestwatch (tried to catch ♀ but she got out of net 2x) did d6 filming of nestwatch 4 nestlings in nest
	1430	ES/ho	banded and bled 4 nestl. d 6
6/24	0600	216/ES	♂ ♀ for d7 nestwatch, ES set up camera weighed kids, banded ♀ challenged ♀ for GnRH ^{kept} blood for DNA, returned ♀ after 4 hour nestwatch (videotape), weighed kids (LEFT 2 NET SETS - ♀ CT IN WOODS - <u>NOT BY NEST</u> !!)
6/26	pm	Jum JMG	Saw ♀ fly off and chip - still active, day 9.
6/27	1115	ES	saw ≥2 nestl. in nest from a distance
6/28	615	TG	opened nets - 3 nestlings in nest @ start, appeared to have already fledged by white stains on outer nest! caught ♀ for stress series, went & checked @ 730 + fecal sample outside of nest + only 2 in nest. weighed + measured 2 in nest.

≥ 3 fledged

NEST LOG SHEET

ST ID: WNN 276 TREATMENT GROUP: _____
 LE BAND #: _____ DATE/STATUS WHEN FOUND: 6/20
 COLORS (R) _____ inc-4j eggs
 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): _____
 MALE BAND #: UB 1881 71323 EXPECTED HATCH DATE: unkn 7/1
 COLORS (R) BLK o yellow # HATCHED, DATE: _____
 COLORS (L) white/red o s FLEDGED/FAIL, #, DATE: Failed 7/7
 BLOOD SAMPLE # not bled
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): WNN tag 41
 LOCATION (SPECIFIC): ~15m past tag 41, 1ft up bank, under mossy rock

DATE	TIME	INIT	STATUS
6/20/04	1000	ES	♀ flushed off 4j eggs, she's UB
6/22/04	920 933	ZIG	CHECKED NEST EGGS <u>COLD</u> , ♀ FLOW CHIPS. WENT NORTH GET LURE ♀; SET NOT WITH LURE ♀ IN RIGHT AWAY. B MAILED
6/23/04	1045	ZIG	♀ OFF EGGS WARM.
6/23	1406	JMG	♀ on flushed. 4 eggs. Filmed PM inc. watch
6/24	155- 255	ZIG	SET TRAP WITH LURE - NOT SEEN FROM NEST. WATCHED IN CAR. → SEEN WITH ♀ WAS 1741-4781 0. LG ⊗ 50 LG ⊙
6/25	824	JMG	Filmed AM inc watch. ♀ M flushed. 4 eggs
6/27	1110	ES	♀ not on 4j eggs (I saw a junco fly off ^{nest} as I was driving towards nest)
6/29	0800	ES	♀ not on 4j eggs
6/30	845	TG	as I was passing, saw 4 j eggs in nest female about chipping
7/1	1245	TG	♀ off 4 eggs in nest
7/2	1335	JMG	weighed and meas. 4 d0 ntly. ♀ on. flushed. No sight of ♂.
7/5	1400	ES/JMG	4 babies in nest d3 man chipped above nest, no ♂ sh
7/7	1320	JMG/JMG	Nest empty, lining undisturbed. Feral matter in nest.

NEST LOG SHEET

NEST ID: WVN 277 TREATMENT GROUP: _____
 MALE BAND #: 1881 71305 DATE/STATUS WHEN FOUND: 6/22
 COLORS (R) w/dkbl o s (10) 5 nest 1 nd 9?
 COLORS (L) white o dkbl DATE 1st EGG (indicate if backdated): _____
 BLOOD SAMPLE # 6149 # EGGS LAID (indicate if uncertain): _____
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): _____
 FEMALE BAND #: URS 1881 71325 EXPECTED HATCH DATE: _____
 COLORS (R) lt gm o yel # HATCHED, DATE: _____
 COLORS (L) white/red o s FLEDGED/FAIL, #, DATE: 5 6/24
 BLOOD SAMPLE # 6319 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): WVN tag 52 - 53
 LOCATION (SPECIFIC): _____

DATE	TIME	INIT	STATUS
6/22	PM	ZIG	found nest, ♀ UB, ♂ ID'd as w/dkbl o s (10) yel o dkbl (10)
"	1710	ES/ZIG	Saw 5 young in nest nd 9? ♀ is UB ♂ saw white o dkbl on (10)
6/23	1359	ES/ZIG	still 5 young, maybe 19 or 10? not sure, Zig set net for fledging. WATCHEOPAIN FEED FOR 1 HAT. GO BACK INTO WOOD
6/24	AM	TG/SMS	Caught ♂ for stress series - caught ♀ + weighed + measured ♂ + ♀. banded, bled, weighed + measured 5 all nestlings.

5 fledged

NEST LOG SHEET

NEST ID: WVN TREATMENT GROUP: _____

MALE BAND #: UB 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 #: UB? EXPECTED HATCH DATE: _____

COLORS (R) _____ # HATCHED, DATE: _____

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

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WVN tag 27

LOCATION (SPECIFIC): Road off of WVN @ gate where "Posted no parking" sign
in ~ 125m west in grass bank of Road on Right side

DATE	TIME	INIT	STATUS
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6/8	1000	TG	good cup w/ grass Ring <u>UB?</u> Singing in area 6/3
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6/9	1500	TG/EG	No Δ
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6/11	905	Jwm	No Δ
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6/15	PM	Jmg	Spider webs Spider webs in cup. No js. A mere nest, of seasons past.
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NEST LOG SHEET

NEST ID: _____ TREATMENT GROUP: _____
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: 5/29
 COLORS (R) _____ coarse ring of grass
 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 tag 59 ← STN WVN ditch → war spur
 LOCATION (SPECIFIC): 5 m past WVN tag 59 in S bank of ditch E side of rd

DATE	TIME	INIT	STATUS
5/29	1500	ES	coarse ring (complete ring) of grasses, no bottom, I believe this has progressed since I checked it last time (used to be just a little pile of moss about a week ago).
5/31	1535	JUG	Still a ring but nothing inside. (Still dig a hole inside ring) No jr slh.
6/2	1515	SFS	Has bottom now, but did not see deer hair inside
6/4	0745	ES	nest looks about the same to me as on 5/29 (no bottom, ring of coarse material) ~
6/8	AM	TG	No Δ no f's N/h