

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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GPS 6/15
GPS 7/17

NEST LOG SHEET

NEST ID: WP 365 TREATMENT GROUP: I
 MALE BAND #: 1651 85628 DATE/STATUS WHEN FOUND: 5/8 ♀ inc 4 j eggs
 COLORS (R) 1t6/0s DATE 1st EGG (Indicate if backdated): —
 COLORS (L) 1t6/0 red # EGGS LAID (Indicate if uncertain): 4 (uncertain)
 BLOOD SAMPLE # NOT BLED DATE INCUBATION ONSET (indicate if bd): —
 IMPLANT REMOVED (Y/N), DATE: — EXPECTED HATCH DATE: —
 FEMALE BAND #: 174147695 # HATCHED, DATE: —
 COLORS (R) 1t gr FLEDGED/FAIL, #, DATE: 5/10 inc. 4 eggs
 COLORS (L) whitel/red 0s
 BLOOD SAMPLE # 5525
 FEMALE STAYED/LEFT, DATE: —

LOCATION (GENERAL): WP tag 1
 LOCATION (SPECIFIC): low on bank between WP road and new parking lot

DATE	TIME	INIT	STATUS
5/8	1100	WW	Nest found when ♀ accidentally flushed off nest. 4 j eggs
5/8	1400	ES	♂ (1t6/0s @ 1t6/0 red ⊙) and ♀ (UB) clipped in tree above nest site
5/9	1800	WW	♀ caught with hoop net off nest. ♀ banded (whitel/red 0s ⊙), 1tgr ⊙, bled for DNA and implanted, then released
5/10	1100	WW	checked nest. no eggs. nest intact
			— failed —
5/14	1030	ek/w	saw pr foraging on dandelions in parking lot, ♀ bands IDd, got a glimpse of ♂
5/16	1410	WW/ES	Male IDd on WP road near power cut. ♀ not seen
5/22	1530	ES	saw this ♂ ~ WP tag 2 down at the stream, he was puffed and perched near the ♂ of WWS 476 who was singing SRS.
5/24	0800	Jm6	NO ♀ or ♂ 5/4

NEST LOG SHEET

NEST ID: WP 365 R

TREATMENT GROUP: I

MALE BAND #: 1651 85628

DATE/STATUS WHEN FOUND: 5/25 ♀ inc. 4 eggs

COLORS (R) Hbl os

COLORS (L) Hbl o red

BLOOD SAMPLE # not led

IMPLANT REMOVED (Y/N), DATE: _____

DATE 1st EGG (indicate if backdated): _____

EGGS LAID (indicate if uncertain): 4 when found

DATE INCUBATION ONSET (indicate if bd): unkn

FEMALE BAND #: 174147695

EXPECTED HATCH DATE: unkn

COLORS (R) lt gr

HATCHED, DATE: _____

COLORS (L) wht/red os

FLEDGED/FIN, #, DATE: 5/30/02

BLOOD SAMPLE # 5525

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 1

LOCATION (SPECIFIC): In stream bank just below WP p-lot. Tree flagged above.

DATE	TIME	INIT	STATUS
5/25	1030	DO/WW/ES	♀ flushed off complete nest w/ 4 eggs, ♀: ♂ id while chipping in the trees.
5/26	1350	JMG	Complete nest w/ 4 eggs no ♀ or ♂ slh.
5/27	0800	KH	Accidentally flushed ♀ while taking GPS pt. Complete nest 4 eggs, ♀ chipped @ me from nearby tree.
5/29	1700	JMG	♀ at nest inc. - kept my distance - couldnt see eggs. ♂ chipping nearby.
5/30	1342	DO	nest empty no slh
			FAILED

NEST LOG SHEET

NEST ID: WP 365R2 TREATMENT GROUP: I
 MALE BAND #: 165185628 DATE/STATUS WHEN FOUND: 6/14
 COLORS (R) ~~red os~~ 1H610S building - MOSS
 COLORS (L) 1H610red DATE 1st EGG (indicate if backdated): 6/16
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 4 (but only last 2 in nest as of 6/20)
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 6/17
 FEMALE BAND #: 174147695 EXPECTED HATCH DATE: ~~7/1~~ 7/2
 COLORS (R) 1H610 # HATCHED, DATE: _____
 COLORS (L) w/red os FLEDGED/FAIL, #, DATE: 6/23/02
 BLOOD SAMPLE # 5525
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 2
 LOCATION (SPECIFIC): follow flagged trail from pump house (just past WP gate) downhill ~20m to flagged trunk of dead tree, nest is ~2m to right ~1ft up in ferns

DATE	TIME	INIT	under small bow	STATUS
6/14	0800	ES	♀ chipped (pos. ID'd her as WP 365 ♀) above this nest start no ♂ seen/heard	
6/16	1530	JMG	grass up, no eggs. ♀ positively ID'd ♂ both chipped loudly ♂ ID'd one leg: red os (R)	
6/16	1130	JMG	1 egg marked "I" - ♂ singing nearby - singing and perched on ♀ chipped loudly. a tree bordering plot.	
6/17	14 ⁵⁵	IPR	still 1 egg marked "I"	
6/18	0815	JMG	egg 2 present and marked "II" ♀ seen and heard chipping ♂ still up high singing (not ID'd)	
6/19	10 ⁰⁵	DO	1 egg, not marked, no s/s s/H	
	1542	DO	marked egg "III" ♀ chipped lightly from nearby tree	
6/20	0940	JMG	2 eggs in nest. 2nd egg marked "X" No js s/H. The nest appeared to be moved. It must have fallen from its perch on the ferns. It is now closer to the ground but still under the bow.	
6/20	1535	JMG	2 eggs. ♀ and ♂ chipped. ♂ ID'd as H610S (R) 1H610red (L)	
		DO	6/16/02 ID is wrong.	
6/21/02	0914	IP-R	nest 6" off of ground and tilted; 2 cold eggs in nest (III and X); found egg "II" below nest with big hole in the side; weighed and measured eggs III and X, measured II, then removed egg marked "III" to bring back to lab... no junco s/H	
6/23/02	14 ⁰⁰	IP-R	no j s/H, 1 egg in nest (X) cold	
7/6	0820	KH	nest on ground no egg failed	

NEST ID: WP 365 R2

- Failed -

DATE	TIME	INIT	STATUS
6/21	930	JMG	Saw this pair in WP plot foraging. The ♂ chipped at me from a post near WVS tag 38. The ♀ was flying to and from the east bank chipping.
6/25	1515	JMG	Saw this female: ltgrn (⊙) at tag 1 left left of the WP gate. She did not chip. I saw her later in the plot on the power lines. No sign of male. wht/red o s (⊙)
6/29	810	JMG	Saw this male singing in plot and on power lines of WP lot. I saw another bird (poss ♀) flush from the grass of lower bank near the entrance to WP road. She? chipped from the pile of sticks. No nest found yet.
7/7	1420	ES	(Italos Italos) saw the ♂ (bands seen clearly) and ♀ only left leg seen (w/red as) Foraging together just uphill from WP 1st gate. no chipping. Followed them for 1/2 hr. ♂ sang SRS (short range song) for ~5 min, tail spread. ∴ ♀ fertile?
7/25	1500	ES	saw this ♂ (bands seen clearly) at entrance to WP rd. No chipping, no ♀ seen. Watched him for 15 min. He sat on telephone wire for entire time (no singing, no preening - just sitting)

NEST LOG SHEET

NEST ID: WP 366 TREATMENT GROUP: I

MALE BAND #: 174147696 DATE/STATUS WHEN FOUND: 5/5

COLORS (R) white/red o s incubating 3 eggs

COLORS (L) ltgrn DATE 1st EGG (indicate if backdated): ~4/30 (bd)

BLOOD SAMPLE # 5518 # EGGS LAID (indicate if uncertain): 3 when found

IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): ~5/2 (bd)

FEMALE BAND #: 174147537 EXPECTED HATCH DATE: unkn

COLORS (R) white o ltgrn # HATCHED, DATE: 3 ~5/13

COLORS (L) red o s FLEDGED/FAIL, #, DATE: 5/25 2

BLOOD SAMPLE # 5520

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tog 16

LOCATION (SPECIFIC): uphill bank

DATE	TIME	INIT	STATUS
5/5/02	930	ES	♀ (UB) flushed off 3; eggs
5/10	930	ES	♂ (white/red o s (R) ltgrn (L)) and ♀ (white o ltgrn (R) red o s (L)) chipped 6m from nest, then foraged together on downhill bank across rd from nest
5/14	940	WW	♀ caught in potter trap - implant OK. Eggs have hatched - 3 nestlings. Male chipped aggressively
	1030	ER/w	♀ on, ♂ seen (bands IDd) chipped over nest
	1400	ES	3 nestlings ^(wd1) weighed, measured, marked. I believe one is a CB nestl.
5/16	1330	ES/W	2 nestlings weighed, measured, marked, and bled. Cowbird nestling removed. _{(d3) for sex ratio}
5/19	1449	ES/W	Positively IDd ♂ as above banded and bled 2 nestlings, parents chipped but we didn't ID them
5/22	1330	ES	saw 2 nestlings in nest (from a distance) d ♀ today
5/24	900	JMG	saw 2 beaks - 2 fledglings ♂ colors confirmed ♀ not confirmed
5/25	800	ES	processed & bled ♀ for hormone sampled, processed ♂: 2 nestlings
			2 Fledged
5/26	1445	JMG	Nest empty ♀ and ♂ seen and chipped loudly. No fledglings
5/30	1420	DO	fledgling family seen @ rockface ♂: ♀ positively IDd & chipped nearby, 1 nestling id sockbl (R) 2 org (L)

WP 366 page 2 - nest start found but old or inactive

NEST LOG SHEET

EST ID: _____ TREATMENT GROUP: I

MALE BAND #: _____ DATE/STATUS WHEN FOUND: 5/28

COLORS (R) _____ nest start - incomplete

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 #: 174147537 EXPECTED HATCH DATE: _____

COLORS (R) white o lt grn # HATCHED, DATE: _____

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

BLOOD SAMPLE # 5520

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 16

LOCATION (SPECIFIC): down hill slope just after tag 16

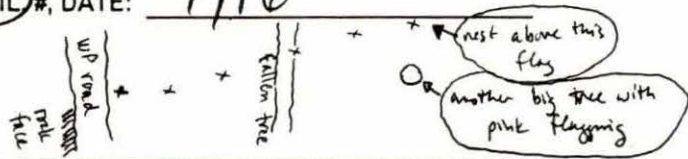
DATE	TIME	INIT	STATUS
5/28/02	1030	KH	♀ & ♂ flushed as I walked by on road, chipped at me from nearby trees. I did not ID the ♂. Nest is incomplete with moss rim.
5/29	1648	JUH	clean ring, little moss. no cup yet. No j's sh
5/30	1420	DD	old nest - dirty inside
			old nest
			Fledgling family seen @ rock face - ♂: ♀ possibly 1d along w/ 1 nestling sockb © Zorg ©

NEST LOG SHEET

NEST ID: WP 366R^{II} (7) TREATMENT GROUP: I
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: ♀ building (deer hair?)
 COLORS (R) _____ DATE 1st EGG (Indicate if backdated): 6/29 bd
 COLORS (L) _____ # EGGS LAID (Indicate if uncertain): 4
 BLOOD SAMPLE # _____ DATE INCUBATION ONSET (Indicate if bd): 7/2 bd
 IMPLANT REMOVED (Y/N), DATE: _____ EXPECTED HATCH DATE: _____
 FEMALE BAND #: 174147537 # HATCHED, DATE: ? 7/13/02 ?
 COLORS (R) Wht & Hgrn FLEDGED/FAIL #, DATE: 7/16
 COLORS (L) red os
 BLOOD SAMPLE # 5520
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 16 (just past rock face)

LOCATION (SPECIFIC): flag trail of 6 flags leading downhill; 4th flag from WPA road is on fallen tree; nest is directly above 6th flag ~ 5m up in branch of hemlock



DATE	TIME	INIT	STATUS
26 27	1015	EC	Saw ♀ carrying nesting material to large, football-sized nest hanging in hemlock branch; ♂ chipped briefly then flew away; got very tentative IDs on both (Red o S ⊙ for ♀) <u>need to confirm IDs</u> white/red only ⊙ for ♂ nest is too high to make/remove eggs; check back in ~2 days with mirror pole to look for eggs
6/28	1422	DO/KH	went out w/ super long metal pole w/ mirror in thunder & lightning... saw no birds or eggs - really it seemed to be a ball of moss.... Thank GOD we're alive! note: <u>hunt people should not check this nest</u>
6/29	1050	EC	unable to see inside nest w/ mirror pole, try again in 2-3 days w/ another person; still need to confirm that this is indeed a junco nest
6/29	1000	JMG	NO js S/H. nest too high to see. It appears to be a moss ball.
7/1	900	IP-R	watched nest for ~45 minutes; no juncos seen at or around nest; heard chipping high in hemlock 50 yards away, but no juncos approached, and the chipping was brief
7/2	1000	EC	the moss ball lives! gently tapped nest w/ mirror pole and female flushed off! saw Red o Sil ⊙ again - need to confirm ID (♀ likely only on first day or two in incubation)
7/3	830 ↓ PM	JMG DO	FINISHED AM + PM INC. WATCH. ID'd female as <u>Wht & Hgrn ⊙</u> <u>red os ⊙</u> DO successfully chipmunked the 2nd time. DO also saw 4 eggs using mirror and ladder. ♀ incubating and chipped when flushed. NO sight of ♂ →
7/4	0830	IP-R/DO	♀ inc. flushed; weighed/measured 4 eggs... took largest egg back to lab

NEST ID: NP 366 ^{II} ~~R~~

DATE	TIME	INIT	STATUS
7/6	0900	KH	didn't see any activity. ♀ could have been on. ♂ singing off in distance. could not ID.
7/7	1445	ES	no bird seen on nest, came back 5 min later, still can't see anything, no birds seen/heard
7/8	1030	JMG	♀ not in. when I arrived. I tapped a nearby branch and she didn't flush. Waited for 20 min. and both parents chirped. ♂ was singing. I tapped the branch again at 1100 and ♀ flushed. Positively ID'd her. No ID on ♂.
7/12	PM	IPR JMG/ES	used mirror, ♀ flushed off of eggs
7/10		ES	
7/13	14:29	DD/KH	used mirror: ♀ brooding, flushed 2 nestlings? approx. Day 0.
7/16	1447	JMG/ES	+ torn apart Nest found on the ground. Some nest material is still in the tree. No eggs left. No js s/h.

← FAILED →

NEST LOG SHEET

NEST ID: WP 367 TREATMENT GROUP: I
 MALE BAND #: 2181 86552 DATE/STATUS WHEN FOUND: 5/10/02
 COLORS (R) 1H/0S 4; eggs
 COLORS (L) 6lk DATE 1st EGG (indicate if backdated): 4/29 (bd)
 BLOOD SAMPLE # 5517 # EGGS LAID (indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 5/2 (bd)
 FEMALE BAND #: 1651 85504 EXPECTED HATCH DATE: unkn
 COLORS (R) 2yel # HATCHED, DATE: 3 ~5/13
 COLORS (L) red o S FLEDGED (FAIL, #), DATE: 5/21
 BLOOD SAMPLE # 5546 1 unhatched egg (undeveloped) removed 5/14
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 13
 LOCATION (SPECIFIC): about 10m before tag 13, high on downbill bank, nest directly under base of flogged twig

DATE	TIME	INIT	STATUS
5/10/02	1300	ES	♀ (2yel(R) red o S(L)) and ♂ (UB) chipped above nest
5/10	PM	DD	4 eggs in nest. ID'd ♂ 1H/0S(R) 6lk(L) @ nest
05/14/02	1030	EH/W	3 yrs, 1 unhatched undeveloped egg, ♀ on, no ♂ at nest. All by WW, may be mate, need to confirm
	1400	ES	ct ♀ in mist net, ^{wt. to lab} bled her for DNA, <u>implanted her</u> same tag as last yr, released, weighed and measured, ^(nd1) 3 nestlings, 1 unhatched egg removed and brought to lab, ^{and marked} opened, no sign of development.
5/16	1355	WW	Reconfirmed ♂ color combos. Only 2 ^(d3) nestlings - weighed, measured, remarked, and bled for sex ratio.
5/19	1424	WW/JG	banded/bled 1 nestling (R), the other nestling (L) was <u>very</u> cold decided to wait a day or so. Heard parents chipping did not id.
5/20	1500	ES, DD KH	2 nestlings, one dead; junco seen but not heard (the dead one was (L) unbanded - the one that was <u>really</u> cold yesterday; the other one looked small and weak, but still <u>alive</u> - it begged)
5/21	1530	WW/CH	nest empty but intact, no adults seen or heard.
<u>failed</u>			
5/24	845	JMG	old nest failed - ^{possible} rebuild nest - moss ring found and marked
5/26	1430	JMG	♀ and ♂ slh. - chipping. Positively ID'd Female.

NEST LOG SHEET

NEST ID: WP 367RTREATMENT GROUP: IMALE BAND #: 218186552DATE/STATUS WHEN FOUND: 6/21/02, cupCOLORS (R) LTBL 05with fresh dry grassCOLORS (L) BLKDATE 1st EGG (indicate if backdated): 6/29BLOOD SAMPLE # 5517# EGGS LAID (indicate if uncertain): 4

IMPLANT REMOVED (Y/N), DATE: _____

DATE INCUBATION ONSET (indicate if bd): 6/27FEMALE BAND #: 165185504EXPECTED HATCH DATE: 7/8COLORS (R) 2 YEL

HATCHED DATE: _____

COLORS (L) RED 05FLEDGED ~~FAV~~ #, DATE: ~~7/29/02~~ failed 5/14/02BLOOD SAMPLE # 5546nest. ~ d 5

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 12LOCATION (SPECIFIC): across from flag, downhill 1-2' at the base of small marked sapling

DATE	TIME	INIT	STATUS
6/21/02	0934	IPR	both parents chipping heavily above nest cup
6/22	0944	EC	deer hair, no eggs yet; confirmed ID of ♀
6/23	1425	IP-R	complete nest, no eggs, chipping
6/24	AM	DO	1 egg, marked "I", ♀ chipped heavily from nearby tree
6/25	1430	JMG	2nd egg present marked "II". No js s/h.
6/26	0912	EC	3rd egg marked "III"; ♀ chipped overhead (confirmed ID)
6/27	1045	IP-R	4th egg marked "X"; ♀ flushed, chipped; weighed & measured 4 eggs, took egg "III", replaced w/ dummy egg "D"
6/29	815	JMG	Nest depredated. No nest, eggs (we lost our dummy egg) or juncos around.
7/3	930	JMG DO	Failed Not failed! There was a long tape across from this nest. (Hence, my confusion was on 6/29) we put one up across the rd. Filmed AM and PM in water. ♀ chipped, flushed off 4 eggs. No sight of ♂. ♀ positively ID'd.
7/4/02	0900	IPR/DO	setup net... chipmunked nest successfully, waited ~45 minutes, then caught ♀ w/ butterfly net and bled her for hormones; ♀ inc. 3 eggs since we removed 4th, which was dummy egg "D".
7/6/02	0945	KH	♀ on.

NEST ID: WP367R

DATE	TIME	INIT	STATUS
7/8	1010	JMG	♀ inc 3 eggs - NO nestlings - ♀ flushed and clipped.
7/8	PM	JMG	Eggs didn't hatch. ♀ inc 3 eggs.
7/9	1400	JMG	2 nestlings. 1 egg did <u>not</u> hatch. I measured, weighed and marked 2 nestlings (R+L). ♀ clipped. NO sight of ♂ →
7/10	1520	JMG/ES DO	2 nestlings, 1 egg, (♀ flushed)
7/12	14:07	DO	2 nestlings - weighed, measured, bled for sex ratio. ♀ brooding flushed. DAY 3
7/14	1400	ES	nest completely pulled out of bank, no sign of nestlings, no adults seen/heard — Failed —
7/17	1045	ES DO	ct @ WP tag 11 (juv act) ES removed

N₂ adults 1 D'd

Likely an early attempt for WP 368 pr.

APS 6/15

NEST LOG SHEET

NEST ID: WP 368 TREATMENT GROUP: _____
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: _____
 COLORS (R) _____
 COLORS (L) _____ DATE 1st EGG (indicate if backdated): 5/21 (bd)
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 4
 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: 5/26
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): tag 14
 LOCATION (SPECIFIC): ~2m before tag 14 (before rock face) 1m up in rippled bank

DATE	TIME	INIT	STATUS
5/23	1035	DO	complete nest w/ 3 eggs, no js s/h
5/24	850	JMG	complete nest w/ 4 eggs. no js s/h - ♀ not on nest
5/25	800	JMG/ES/WW	complete nest w/ 4 cold eggs, ♀ heard chipping far up in trees but could not id, ES measured/weighted eggs
5/26	1445	JMG	complete nest but eggs are gone. ♀ and ♂ not s/h.
			○ FAILED ○

NEST LOG SHEET

NEST ID: WP 308 ^{old nest} TREATMENT GROUP: I
 MALE BAND #: UB DATE/STATUS WHEN FOUND: 5/28/02
 COLORS (R) _____ incomplete 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 #: 174147693 EXPECTED HATCH DATE: _____
 COLORS (R) Red # HATCHED, DATE: _____
 COLORS (L) wt/red o silver FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # 5534
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): Tag 14
 LOCATION (SPECIFIC): uphill side of road, in bank side

DATE	TIME	INIT	STATUS
5/28/02	1000	KH	♂'s ♀ were working on building nest. When they saw me, they flew to nearby trees and began chipping. Nest incomplete w/ moss rim and good cup.
5/29/02	1645	JUH	No js slh. Nest is complete w/ cup. Put leaf in.
5/30/02	14 ⁰⁰	DO	old nest - leaf still there, moss rim; cup messy; dirty.
			old nest

975 6/13

NEST LOG SHEET

NEST ID: WP 368R TREATMENT GROUP: I
 MALE BAND #: UB DATE/STATUS WHEN FOUND: 5/31
 COLORS (R) _____ building - coarse material + gn
 COLORS (L) _____ DATE 1st EGG (indicate if backdated): 6/4 not bd
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): 6/7
 FEMALE BAND #: 174147693 EXPECTED HATCH DATE: 6/18
 COLORS (R) red # HATCHED, DATE: _____
 COLORS (L) white/red os FLEDGED/FAIL, #, DATE: 6/11
 BLOOD SAMPLE # 5534
 FEMALE STAYED/LEFT, DATE: _____
 LOCATION (GENERAL): WP tag 13 in grass at base of uphill bank
 LOCATION (SPECIFIC): ~10m past tag 13

DATE	TIME	INIT	STATUS
5/31	1119	ES	watched ♀ go to nest 2x (one w/ dark coarse material and once w/ grass) ♂ (UB) perched above her as she built. building - coarse material - some grasses
6/3	1000	WW	Nest lined with deer hair, no egg
6/4	1600	ES	egg 1 marked "I"
6/5	1400	DO	2 eggs, marked 2nd egg "II", no ss slt
6/6	850	JM16	3 eggs, 3rd marked "III" ♀ incubating - flushed off and clipped. ♂ clipped nearby. ♀ positively ID'd.
6/7	900	ES	♀ not on, 4 eggs, marked new egg "X", measured/weighted all eggs. collected egg "III". ♀ clipped, positively ID'd her as above
6/8	1045	KH	♀ on 3 eggs. Chipped, pos. ID'd her as above
6/9	1455- 1658	ES	PM Filming of incubation watch, 3 eggs
6/10	0745- 0950	ES	AM Filming of incubation watch, 3 eggs
6/11	845	DO	nest empty: hatched, no ss slt

o FAILED o

NEST LOG SHEET

NEST ID: WP 368 R2 TREATMENT GROUP: I
 MALE BAND #: UB DATE/STATUS WHEN FOUND: 6/18 complete
 COLORS (R) nest w/ 3 eggs
 COLORS (L) _____ DATE 1st EGG (Indicate if backdated): ?
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 3
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): ?
 FEMALE BAND #: 174147693 EXPECTED HATCH DATE: ?
 COLORS (R) red # HATCHED, DATE: _____
 COLORS (L) white/red o s FLEDGED (FAIL) #, DATE: 6/25/02
 BLOOD SAMPLE # 5534
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 13 (6 m past)

LOCATION (SPECIFIC): downhill a ways; follow flagged trail (deer trail) down through ferns; nest is to the right of double flags in ferns next to downed tree



DATE	TIME	INIT	STATUS
6/18/02	1537	IP-R	flushed incubating ♀ off of nest w/ 3 eggs, marked and measured eggs (marked as XI, XII, XIII)
6/19/02	845	DO	3 eggs, ♀ not inc. but I chipped.
6/20/02	910	DO	chipmunked nest successfully, ♀ not inc. when arrived but returned; 3 eggs warm
6/20/02	1520	JMG- DO	♀ inc 3 eggs. flushed her off by accident. ♂ chipped nearby.
6/21/02	1600	IP-R	set-up net; ♀ flushed while setting up; ♀ flew into net, bled for hormones; ♂ chipped; still 3 eggs in nest
6/25	1439	JMG	♀ inc, flushed - 3 eggs No eggs. No js sm. No sight of shells. Eggs are just gone! :-

failed

hrs 6/15

NEST LOG SHEET

NEST ID: WP 369 TREATMENT GROUP: C-C
 MALE BAND #: UB? DATE/STATUS WHEN FOUND: 6/7
 COLORS (R) _____ building-grass
 COLORS (L) _____ DATE 1st EGG (indicate if backdated): 6/9
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 4
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): _____
 FEMALE BAND #: _____ EXPECTED HATCH DATE: _____
 COLORS (R) nothing # HATCHED, DATE: _____
 COLORS (L) So lav o blk FLEDGED/MAID, #, DATE: ~~6/19~~ 6/20
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 17

LOCATION (SPECIFIC): ~10m before tag 17, follow flagged trail downhill ~25m to double flags, nest ~5' up in the huge boulder

DATE	TIME	INIT	STATUS
6/7	941	ES	♀ flew from nest, she's missing band on (R) - bare leg, (L) is So lav o blk. ♂ is UB I think but not 100% sure - he chipped above nest boulder from high up in henlock. - nest is grass stage
6/8	1100	KH	nest looks good. Needs some deer hair. 1 Bird chipped from a long away distance. I could not ID it
6/9	1459	ES	nest ripped out of bark, on ground below boulder, 1 egg in nest cavity. - Failed -
6/15	200	KH	went to take GPS - 4 eggs in nestless cup of big rock
6/18	1015	JMG	Saw 2 j's chipping - I did not have binoculars no grass cup but 4 eggs in a clean whole. Eggs were warm, 2 js chipping - ♀ positively ID'd as nothing (R) ♀ solavoblk (L) ♀
6/20	715	JMG	Failed. Adult male watch ♀ on nest. ♂ in the area singing 3 eggs in nest
6/20	1030	JMG	re-attempted to catch the adults using a potter trap w/ lure and tape recording of male song. The birds tried to go in and chipped but the trap doors did not close. We will try again.... and hand some bleed.
6/20	915	JMG/KH	No eggs left. Feathers in the nest. They appeared to be adult feathers. No js s/h.

failed

NEST LOG SHEET

NEST ID: WP 370 TREATMENT GROUP: C-C
 MALE BAND #: 174147802 174147845 DATE/STATUS WHEN FOUND: 3 eggs, ♀ inc
 COLORS (R) blk os
 COLORS (L) blk o red DATE 1st EGG (indicate if backdated): ?
 BLOOD SAMPLE # 5620 # EGGS LAID (indicate if uncertain): 3
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (indicate if bd): ?
 FEMALE BAND #: UB B 174147802 EXPECTED HATCH DATE: ?
174147845
 COLORS (R) nothing blk os # HATCHED, DATE: _____
 COLORS (L) SO LAV + BLK 2 blk FLEDGED/FAIL #, DATE: 6/23/02
 BLOOD SAMPLE # 5619
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 17
 LOCATION (SPECIFIC): downhill ~20m in ferns on rock ledge 6m up; flag trail leads to double stairs

DATE	TIME	INIT	STATUS
6/17/02	1530	IPR	saw UB ♂ chase chipmunk, then sing; flushed ♀ (UB?, confirm) off of nest w/ 3 eggs; both chipped, then another ♂ flew over and chaos ensued; 95% certain ♂ of nest is UB
6/18/02	1017	JMG	Complete nest w/ 3 eggs. - ♀ and ♂ chipped from nearby the pine tree ♀ I.D. as the WP369 ♀: nothing ⊕ ♂ not I.D. The 3 eggs were warm. Solavoblk ⊕ Appears to be the renest for WP 369.
6/18/02	1511	IPR	confirmed ♀ I.D. as ^{nothing ⊕} Solavoblk ⊕ ♀ UB > ♂ still 3 eggs; weighed/measured/ marked (XI, XII, XIII)
6/19/02	1435	JMG	♀ inc 3 eggs - ♀ flushed off during camera setup. Filmed! (see inc watch (Tapes 112)) ♂ present, chipping
6/19	1720	JMG	* From previewing inc. watch the ♀ is actually <u>UB</u> . This is <u>not</u> a renest for 369 WP
6/20	715	JMG	Filmed AM inc. watch ♀ inc 3 eggs. ♂ in the area singing, chipped flushed ♀ off at start of taping.
6/20	1030	JMG/DO	We tried to catch the adults using a female lure in potter trap along w/a recording of ♂ song. The birds reacted to this and we entered the trap but the doors did <u>not</u> fall! We will try again in PM... and band and bleed if all goes well.
	1415	DO/DMG	caught ♂: ♀, weighed, measured, banded: bleed using ♂ lure and tape.
6/21/02	1036	IPR	♀ on, not flushed
6/22/02	1237	DO	nest empty, no j. s/H
6/25	1439	JMG	failed. No js s/h. Nest still empty.

NEST LOG SHEET

NEST ID: WP 371 TREATMENT GROUP: C-C
 MALE BAND #: 217105116 DATE/STATUS WHEN FOUND: 7/22 3 DO
 COLORS (R) Hgn o S nestlings
 COLORS (L) 2 Hgn DATE 1st EGG (Indicate if backdated): BD 7/8
 BLOOD SAMPLE # ~~5695~~ 5696 # EGGS LAID (Indicate if uncertain): BD 7/11 4 based on no. of young
 IMPLANT REMOVED (Y/N), DATE: _____ DATE INCUBATION ONSET (Indicate if bd): _____
 FEMALE BAND #: 174147655 EXPECTED HATCH DATE: _____
 COLORS (R) RED o LAV # HATCHED, DATE: 2 → 7/22 1 - 7/23
 COLORS (L) OR6 o S FLEDGED/FAIL, #, DATE: 3 Fledged 8/2/02
 BLOOD SAMPLE # 5648
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 22
 LOCATION (SPECIFIC): directly across from the tag, perched in a hemlock on upper bank

DATE	TIME	INIT	STATUS
7/22	1120	DO JMG	2 nestlings and 1 egg were found in the nest. 1 j seen and heard chipping. This j not ID'd.
	3:00	DO	3 nestlings, ♀ brooding flushed - weighed; measured 3 DO nestlings
7/23	0815	12R/KH	♀ w/ food, chipping; I.D.'d as above
7/25	1600	ES	d3, 3 nestlings weighed/measured/remarked +bled for sex ratio ♀ chipped in nest tree ♂ chipped in tree 5m away - both ID'd as above
7/28	1350	ES/DO	Banded, weighed, measured; bled (for sex ratio) 3 DO6 nestlings DNA
8/2	0830	ES/ JMG	Fledging day. Ct ♂ and ♀, bled ♀ for hormones, bled ♂ for DNA, measured adults and the 3 fledglings.

3 fledged

NEST LOG SHEET

NEST ID: WP TREATMENT GROUP: _____
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: 6/18
 COLORS (R) _____ complete w/ deer hair
 COLORS (L) _____ DATE 1st EGG (indicate if backdated): 6/19
 BLOOD SAMPLE # _____ # EGGS LAID (Indicate if uncertain): 3
 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: 6/22/02
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag # 14-15
 LOCATION (SPECIFIC): On left bank in rock ledge area. It's ~1m up on the bank

DATE	TIME	INIT	STATUS
6/18 6/18	PM	IPR	nest found in bank. A complete nest w/ deer hair
6/19	1430	DO	1 egg marked "1"
6/20	720	JMG	2nd egg egg marked "1". ♀ seen seen. No chipping. We didn't ID her.
	1515	JMG	nest empty - depredated. No js s/h.
XXXXXXXXXX			
6/21/02	1026	IPR	1 egg in nest, not marked, so I marked it "111"; heard ♂ singing nearby
6/22	0950	EL	still only one egg ("111"), egg cold; no juvenis s/h nearby
6/25	1445	JMG	1 cold egg. No js s/h. 1 egg taken to use as "dummy" egg. Egg taken was not marked ("111")

GPS 6/15

NEST LOG SHEET

?

NEST ID: WP TREATMENT GROUP: _____
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: 5/31
 COLORS (R) _____ laying - 1st egg
 COLORS (L) _____ DATE 1st EGG (indicate if backdated): _____
 BLOOD SAMPLE # _____ # EGGS LAID (indicate if uncertain): 1 when found
 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: 10/03
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 8
 LOCATION (SPECIFIC): ~6 m before WP tag 8, ~50 m uphill (follow flagged trail to double flagged treefall) in tree fall bank

DATE	TIME	INIT	STATUS
5/31	830	ES	1; egg marked "1" w pencil, no adults s/h
6/03	1000	WW	1; egg, nest VERY wet. ~ Failed -
6/6	800	JUG	Messy. no eggs, no js s/h. FAILED

NEST LOG SHEET

NEST ID: WP blank 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 #: _____ EXPECTED HATCH DATE: _____

COLORS (R) _____ # HATCHED, DATE: _____

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

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 9

LOCATION (SPECIFIC): Left side bank (Heading No. on WP), just past tag 9 - 1 m up the bank.

DATE	TIME	INIT	STATUS
5/24	815	JMG	Nest start - moss ring heard chipping NO ♀ or ♂ seen or ID'd
5/26	1410	JMG	Nest start still. NO progress. ♀ and ♂ not s/h.
			<u>OLD WEST</u>

NEST LOG SHEET

NEST ID: WP blank TREATMENT GROUP: _____
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: 6/6/02
 COLORS (R) _____ Complete nest - no deer hair
 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): WP tag 1
 LOCATION (SPECIFIC): Just past WP gate ab. ~ 1 m up west bank.

DATE	TIME	INIT	STATUS
6/6	1100	JMG	1 j seen, chipping - flew away before ID'd. possible re-nest for 365? complete nest found - grass cup - no deer hair or eggs.
6/9	1440	ES	nest looks complete or nearly so, but it's been messed up, no eggs - Failed -

NEST LOG SHEET

NEST ID: WP TREATMENT GROUP: _____
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: _____

NEST LOG SHEET

NEST ID: _____ TREATMENT GROUP: _____
 MALE BAND #: _____ DATE/STATUS WHEN FOUND: 6/19 moss viny
 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): WP tag 12
 LOCATION (SPECIFIC): ~4m after tag 12, flag trail (3 single, ends double) double flags
vt. access from nest in crossing branches above fallen tree

DATE	TIME	INIT	STATUS
6/19	1455	JO	moss "ball" in tree σ^2 ; ♀ chipped heavily but then departed waited (hidden) to get id but no luck.
6/20	1525	JMG PO	still a moss "ball" NO Δ . NO js s/h.
6/21	0900	IP-R	no Δ , looks old, and there's no ^{cup} shape to it; 6' from "ball" is a towhee nest with nestlings
			_____ not active _____

NEST LOG SHEET

NEST ID: WP blank 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 #: _____ EXPECTED HATCH DATE: _____
 COLORS (R) _____ # HATCHED, DATE: _____
 COLORS (L) _____ FLEDGED/FAIL, #, DATE: _____
 BLOOD SAMPLE # _____
 FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP tag 18
 LOCATION (SPECIFIC): downhill bank, ^{just past} tag 18 right under blk cord. Cord is marked w/ bow

DATE	TIME	INIT	STATUS
5/24	920	JMG	wht oak (R) ♀ ID'd as so red (L) → started nest. - moss ring ♂ also seen - not ID'd. ID doesn't show up in records. !!
5/28	1010	ICH	I could not find nest - no birds s/h
5/29	1655	JMG	re-marked nest more clearly w/ stick and bow. moss ring, c' out white.
6/6	945	JMG	mussy, no js s/h FAILED