Indiana University Bloomington
IUScholarWorks

Ketterson / Nolan Research Group Collection

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

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

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

NEST LOG SHEET

NEST ID: WP 205 **TREATMENT GROUP:** C-C

MALE BAND #: 2000 94429 **DATE/STATUS WHEN FOUND:** 5/6/93 3 EGGS ♀ NOT INCUBATING

COLORS (R) S. Ltbl - yel

COLORS (L) Yel **DATE 1st EGG (indicate if backdated):** 5/4/93 (bd)

BLOOD SAMPLE # 1616 **# EGGS LAID (indicate if uncertain):** 4

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

FEMALE BAND #: 2131 14704 **EXPECTED HATCH DATE:**

COLORS (R) Cccc Cc **# HATCHED, DATE:**

COLORS (L) White/Red ES **FLEDGED/FAIL, #, DATE:**

BLOOD SAMPLE # 1604

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WP SECOND GATE (TAG 50)

LOCATION (SPECIFIC): TO LEFT OF WP2 ~1.5m UP ON BANK, FIRST NEST

DATE	TIME	INIT	STATUS
5/6/93	1130	TK	3 EGGS, ♀ NOT INCUBATING; PARENTS UNIDENTIFIED
5/9/93	1044	TK	Female incubating. UNBANDED ♀?
5/			Female incubating, = DID NOT FLUSH.
5/18	1518	mtc	♀ [illegible] eggs. No [illegible].
5/19	1349	mtc	2 nestlings drizzled, fed-sted and processed. Both Adults using ctiffy. ♀ switched off nest.
5/21	1018	mtc	Attempted to catch ♂ to implant. No luck. 3 nestlings OK. Remaining eggs (chicks developed) taken back to lab.
5/23	0908	mtc	Used bow-trap to catch ♂. Brought back to lab to take last year's C implant out. Although implant left in over winter, it did not. Bled 1 tube. Also caught unbanded ♂ in net at same time. Banded and bled him (2131-14708). Nestlings OK. ♀ ctiffy.
~~5/25~~	~~1400~~	~~mtc~~	~~on nest. Chipmunk scare. Took about an hour. 4 nestlings~~
5-30	1130	[illegible]	[illegible] NET. 1 NONBANDED LOOKED. FOR 15 MINUTES. [illegible] THERE IS A NEST START (NEW!) ABOUT 10 FEET [illegible] (IN BANK)
6/3		mtc	♀ [illegible]

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 205 R TREATMENT GROUP: C-C DATE FOUND: 6/22

LOCATION: GENERAL WP Tag 51

LOCATION: SPECIFIC downhill nest on ground in moss

STATUS WHEN FOUND: 4 young Day 4+, 1 nestling Day 3

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? ♀ incubated, ♂ ♀ fed

MALE BAND # 2000 94429 AGE: A,O

COLORS Salt&Pepper (R) gold (L)

MALE BLED (Y/N), DATE 5/20

BLOOD SAMPLE # 1616

FEMALE BAND # 2131-14704 AGE: A,O

COLORS orange (R) white/gold (L)

FEMALE BLED (Y/N), DATE 5/14

BLOOD SAMPLE # 1604

NESTLING BAND #'s: 2131-14083; 2131-14089; 2131-14090; 2131-14091, 2131-14092

NESTLING BLOOD SAMPLE #'s: 1902, 1903, 1904, 1905, 1906

IMPLANT DATE: —

MASS AT IMPLANT: —

IMPLANT OK (in, out)?: —

IMPLANT REMOVED (Y/N), DATE: —

MALE SEEN W/ FOOD/FEEDING? yes

FEMALE SEEN W/ FOOD/FEEDING? no

YOUNG FOLLOWED DURING DEPENDENCE: no

DATE OF FIRST EGG: 6/4 (bd)

BACKDATED? yes

EGGS LAID: 5

UNDEVELOPED EGGS: 0

COWBIRD EGGS: 0

HATCHING DATE: 6/18 (bd)

HATCHLINGS: 5

MEAN MASS AT HATCHING (n): —

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE: est Day 11 6/29

MEAN MASS AT FLEDGING (n):

MALE MASS AT FLEDGING: 21.8

TIME: 0930

FEMALE MASS AT FLEDGING: 19.5

TIME: 0930

SPECIFIC COMMENTS:

Parasite presentation on 6/25

NEST LOG SHEET

NEST ID: WP205R
TREATMENT GROUP: C-C
MALE BAND #: 2000944 39
DATE/STATUS WHEN FOUND: 5 YOUNG DAY 4+ (1 DAY 3)
COLORS (R) SOLTOLOYEL
COLORS (L) YEL
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE #
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 2131 14704
EXPECTED HATCH DATE:
COLORS (R) 2 UEG
HATCHED, DATE:
COLORS (L) W/RCS
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE #
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WP TAG 51 (155 STEPS BEFORE OR 30 STEPS PAST [illegible]
LOCATION (SPECIFIC): FLAGGED → TO STREAM ACROSS DOWNHILL. LAST FLAG ON L
LARGE BOULDER NEST ON GROUND MESS FLAG TIED [illegible]

DATE	TIME	INIT	STATUS
6/22/05	1630 1720	ZLS	5TH PERSON HEARD TO APPROACH BUT FLEW UP FROM BOTTOM OF HILL → SWITCHED TO WAYDOWN 20 MINUTES SAW 5TH WITH FOOD FLY FURTHER DOWN 5 MINUTES HEARD & SAW. FLAGGED FOR DEPARTURE. RETURNED TO NEST. 11 [illegible] & MEASURED 5 YOUNG.
6/24	1600 1710	ZLS	BANDED & BLOOD 5 NESTLINGS. SET UP NET FOR TRACEY.
7/26	[illegible]	MC	prothonotor present - 5 young, both parents present
[illegible]	[illegible]	[illegible]	5 young - [illegible] both ad 9 for 1 PUD, 2 nestlings

NEST LOG SHEET

NEST ID: WP 205 II

TREATMENT GROUP: C-C

MALE BAND #:

DATE/STATUS WHEN FOUND: 7/19 1 EGG

COLORS (R)

COLORS (L)

DATE 1st EGG (indicate if backdated): 7/9

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):

LOCATION (SPECIFIC):

DATE	TIME	INIT	STATUS
			2 eggs in nestbox
			5 [illegible]
7/23	1000	LC	9 flushed, 3 eggs
8/1	[illegible]	ES	NEST EMPTY NO SIGN OF BIRDS OR ANY DISTURBANCE

— FAILED —

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WF 206 TREATMENT GROUP: (I) DATE FOUND: 5/6

LOCATION: GENERAL WF Tag 45

LOCATION: SPECIFIC in large tree fall on south side of WPR

STATUS WHEN FOUND: nest start - deer hair

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? ♀ incubated, ♂ clipped

MALE BAND # 2101-06061 * AGE: A, O

COLORS orgR Sorg/R KRK

MALE BLED (Y/N), DATE 5/11

BLOOD SAMPLE # 1559

FEMALE BAND # 940-93503 AGE: A, Y

COLORS Sorg/white R KRK

FEMALE BLED (Y/N), DATE 5/6

BLOOD SAMPLE # 1524

NESTLING BAND #'s: —

NESTLING BLOOD SAMPLE #'s: —

IMPLANT DATE: 5/12

MASS AT IMPLANT: 21.6

IMPLANT OK (in, out)?: only 1 implant: 17/9

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? no

FEMALE SEEN W/ FOOD/FEEDING? no

YOUNG FOLLOWED DURING DEPENDENCE: —

DATE OF FIRST EGG: 5/9

BACKDATED? no

EGGS LAID: 4

UNDEVELOPED EGGS: 0

COWBIRD EGGS: 0

HATCHING DATE: 5/24

HATCHLINGS: 4

MEAN MASS AT HATCHING (n):

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n): —

FLEDGING AGE/DATE: —

MEAN MASS AT FLEDGING (n): —

MALE MASS AT FLEDGING: —

TIME:

FEMALE MASS AT FLEDGING: —

TIME:

SPECIFIC COMMENTS:

Nest failed during early nestling stage: between 5/25-5/

+ ♂ also recaptured w/ WF 8.5 II

NEST LOG SHEET

NEST ID: WP 206 | TREATMENT GROUP:

MALE BAND #: [illegible] | DATE/STATUS WHEN FOUND: Building stage

COLORS (R) (OS) | does nothing

CDLORS (L) (S over white/pink) | DATE 1st EGG (indicate if backdated): 5/9/93

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

IMPLANT REMOVED (Y/N), DATE: | DATE INCUBATION ONSET (indicate if bd): 5/12 93

FEMALE BAND #: [illegible] | EXPECTED HATCH DATE: 5/23

COLORS (R) [illegible] | # HATCHED, DATE:

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

BLOOD SAMPLE # ~~EGGS~~ 1594

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WP (45)

LOCATION (SPECIFIC): To west of WPR in large live oak (opposite side of) under left ledge flagged near nest.

DATE	TIME	INIT	STATUS
5/6	~1100	MHC	Parents unidentified.
5/	[illegible]	[illegible]	1 egg - Parents not examined.
[illegible]	[illegible]	[illegible]	2 cracked eggs - parents still unidentified
5/15	~1130	JAH	4 eggs - no parents seen
[illegible]	[illegible]	[illegible]	[illegible]
5/19	1555	MHC	♂ identified & flushed off nest ♂ chippy. 1 warm eggs
5/20	PM	MHC	♀ not on. Eggs COLD.
5/21	1052	MHC	♀ flushed from 4 warm eggs.
[illegible]	[illegible]	[illegible]	[illegible]
5/23	PM	[illegible]	Incubated but warm ♀ not on
5/24	1515	[illegible]	All 4 hatched! ♀ not on and neither adult observed. Nestlings [illegible]
5/27	1450	JAH	No nestlings; hair slightly mussed; no ♀ or ♂ present

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 206 R TREATMENT GROUP: (I) DATE FOUND: 6/22

LOCATION: GENERAL LOP Tag 45

LOCATION: SPECIFIC in huge treefall on South side of road

STATUS WHEN FOUND: ♀ incubating 4 eggs

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? ♀ incubated, ♂ fed + feeding young

MALE BAND # 2101-06616 * AGE: A,0

COLORS ORG (R) Scarlet/BK (L)

MALE BLED (Y/N), DATE 5/11

BLOOD SAMPLE # 1589

FEMALE BAND # 940-93503 AGE: A,Y

COLORS Scarlet/white (R) BK (L)

FEMALE BLED (Y/N), DATE 5/12

BLOOD SAMPLE # 1594

NESTLING BAND #'s: 2131-14818, 2131-14819, 2131-14820, 2131-14821

NESTLING BLOOD SAMPLE #'s: 1962, 1963, 1964, 1965

IMPLANT DATE: 5/12

MASS AT IMPLANT: 21.6

IMPLANT OK (in, out)?: only 1 implant 7/9

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? yes - fed fledglings

FEMALE SEEN W/ FOOD/FEEDING? no

YOUNG FOLLOWED DURING DEPENDENCE: no

DATE OF FIRST EGG: 6/15 (est)

BACKDATED? yes

EGGS LAID: at least 4

UNDEVELOPED EGGS: 0

COWBIRD EGGS: 0

HATCHING DATE: 6/29

HATCHLINGS: 4

MEAN MASS AT HATCHING (n):

MEAN MASS DAY 3 (n):

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE: Day 11 7/9

MEAN MASS AT FLEDGING (n):

MALE MASS AT FLEDGING: 21.5

TIME: 1030

FEMALE MASS AT FLEDGING: 18.1

TIME: 1015

SPECIFIC COMMENTS:

* this ♂ also associated w/ LOP NE

NEST LOG SHEET

NEST ID: WP2CCR

TREATMENT GROUP: +

MALE BAND #:

DATE/STATUS WHEN FOUND: 4 EGGS

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): 5 STEPS EAST OF WP TAG

LOCATION (SPECIFIC): IN HUGE TREE FALL FACING TOWARD LOW POINT,

IN TOP OF TREE FALL MUST CLIMB UP

DATE	TIME	INIT	STATUS
6/27	1730	EH	FLUSHED ♀, DID NOT GET BANDS, TOOK LONG TIME TO FIND ♂ BECAUSE WHEN YOU CLIMB TREE FALL 4 EGGS.
6/28	10		♀ OFF, 4 EGGS WARM, WAITED 20 MINUTES, DID NOT SEE ♂.
7/7	1000	TK/B	Fledged 4 young - C+ ♂'s ♀ for CBP; ♂ for sperm sample -

NEST LOG SHEET

NEST ID: ~~WP206~~ WP206 B

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: GLASS JAR CAP

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL):

LOCATION (SPECIFIC):

DATE	TIME	INIT	STATUS
6/9			FEMALE BETTINE TAG 44 ON LEFT SIDE BAND BLACK FLAGGED PUT LIGHT IN. NEST COULD BE ALSO ABANDONED
6/12	1:45		LOOK INTO IN, INCUBATING
6/12	PM	ZH	LOOKS THE SAME AS EARLIER (LIGHT DARED IN BOTH OF THE PRIMARY ANTENNA ATTEMPT LOOKED UNDISTURBED NO SIGN OF MALE.

6/22

BY LOCATION -

IT LOOKS LIKE EARLIER ATTEMPT FOR WP206 PAIR

BJ

LE 7/22

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 207 TREATMENT GROUP: UNKNOWN DATE FOUND: 5/10

LOCATION: GENERAL WP Tag 17

LOCATION: SPECIFIC in bank South of road

STATUS WHEN FOUND: nest completely lined w/ deer hair

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? no adults unknown

MALE BAND # UNKNOWN AGE:

COLORS

MALE BLED (Y/N), DATE

BLOOD SAMPLE #

FEMALE BAND # UNKNOWN AGE:

COLORS

FEMALE BLED (Y/N), DATE

BLOOD SAMPLE #

NESTLING BAND #'s: —

NESTLING BLOOD SAMPLE #'s: —

IMPLANT DATE: —

MASS AT IMPLANT: —

IMPLANT OK (in, out)?: —

IMPLANT REMOVED (Y/N), DATE: —

MALE SEEN W/ FOOD/FEEDING? —

FEMALE SEEN W/ FOOD/FEEDING? —

YOUNG FOLLOWED DURING DEPENDENCE: —

DATE OF FIRST EGG: —

BACKDATED? —

EGGS LAID: —

UNDEVELOPED EGGS: —

COWBIRD EGGS: —

HATCHING DATE: —

HATCHLINGS: —

MEAN MASS AT HATCHING (n): —

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n): —

FLEDGING AGE/DATE: —

MEAN MASS AT FLEDGING (n): —

MALE MASS AT FLEDGING: —

TIME:

FEMALE MASS AT FLEDGING: —

TIME:

SPECIFIC COMMENTS:

adults unknown - could be a start of WP 220pa

NEST LOG SHEET

NEST ID: WP 207

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: 5/5/93 - Nest [illegible]

found with [illegible] - no parents seen

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): Up tag 17

LOCATION (SPECIFIC): [illegible]

DATE	TIME	INIT	STATUS
[illegible]	[illegible]	[illegible]	[illegible]
5/5/93	~1100	JAH	Nest still empty; No parents around
5/7/93	910	JAH	Nest Still Empty, No parents seen
[illegible]	[illegible]	[illegible]	[illegible] Empty. [illegible]

Failed

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 208 TREATMENT GROUP: UNKNOWN DATE FOUND: 5/12

LOCATION: GENERAL before 1st gate on WPR

LOCATION: SPECIFIC in South bank

STATUS WHEN FOUND: ~~2~~ ball of grass in ~~the~~ beak

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? no - adults in Hillman

MALE BAND # UNKNOWN AGE:

COLORS

MALE BLED (Y/N), DATE

BLOOD SAMPLE #

FEMALE BAND # UNKNOWN AGE:

COLORS

FEMALE BLED (Y/N), DATE

BLOOD SAMPLE #

NESTLING BAND #'s: —

NESTLING BLOOD SAMPLE #'s: —

IMPLANT DATE: —

MASS AT IMPLANT: —

IMPLANT OK (in, out)?: —

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? —

FEMALE SEEN W/ FOOD/FEEDING? —

YOUNG FOLLOWED DURING DEPENDENCE: —

DATE OF FIRST EGG: —

BACKDATED? —

EGGS LAID: —

UNDEVELOPED EGGS: —

COWBIRD EGGS: —

HATCHING DATE: —

HATCHLINGS: —

MEAN MASS AT HATCHING (n): —

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n): —

FLEDGING AGE/DATE: —

MEAN MASS AT FLEDGING (n): —

MALE MASS AT FLEDGING: —

TIME:

FEMALE MASS AT FLEDGING: —

TIME:

SPECIFIC COMMENTS:

Nest abandoned

NEST LOG SHEET

NEST ID: _____ TREATMENT GROUP: _____

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

COLORS (R) _____ _____

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

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

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

FEMALE BAND #: _____ EXPECTED HATCH DATE: _____

COLORS (R) _____ # HATCHED, DATE: _____

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

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): _____

LOCATION (SPECIFIC): _____

DATE	TIME	INIT	STATUS
5/15/93	~12pm	JAH	Nest empty, no parents around
5/17/93	11:30	JAH	Nest empty, no parents around
5/19/93	[illegible]	[illegible]	[illegible]

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 209 TREATMENT GROUP: (T) DATE FOUND: 5/13

LOCATION: GENERAL WP Tag 15

LOCATION: SPECIFIC uphill ~20m in treefall

STATUS WHEN FOUND: ♀ incubating 4 Eggs

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? ♀ incubating ♂ chipping

MALE BAND # 2101-06486 AGE: A,O

COLORS white/blk(R) Scalfbl/yel

MALE BLED (Y/N), DATE 4/16

BLOOD SAMPLE # 1456

FEMALE BAND # 2031-09200 AGE: A,O

COLORS Y/grn/blue/org(R) 5(A)

FEMALE BLED (Y/N), DATE 4/13

BLOOD SAMPLE # 1436

NESTLING BAND #'s: 2131-14223; 2131-14224; 2131-14225

NESTLING BLOOD SAMPLE #'s: 1644, 1645, 1646

IMPLANT DATE: 4/16

MASS AT IMPLANT: 20.8

IMPLANT OK (in, out)?: only limp. 6/27

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? no

FEMALE SEEN W/ FOOD/FEEDING? no

YOUNG FOLLOWED DURING DEPENDENCE: —

DATE OF FIRST EGG: 5/3 (bd)

BACKDATED? yes

EGGS LAID: at least 4

UNDEVELOPED EGGS: 1

COWBIRD EGGS: 0

HATCHING DATE: 5/17

HATCHLINGS: 3

MEAN MASS AT HATCHING (n):

MEAN MASS DAY 3 (n):

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE: —

MEAN MASS AT FLEDGING (n): —

MALE MASS AT FLEDGING: —

TIME:

FEMALE MASS AT FLEDGING: —

TIME:

SPECIFIC COMMENTS:

Nest failed between 5/23 & 5/28 during the late nestling stage

NEST LOG SHEET

NEST ID: WP 209
TREATMENT GROUP: I
MALE BAND #: [illegible]
DATE/STATUS WHEN FOUND: 5-13 / ~~4 EGGS~~ ♀ INCUBATING
COLORS (R) [illegible]
COLORS (L) [illegible]
DATE 1st EGG (indicate if backdated): 5/3/93 (bd)
BLOOD SAMPLE # 1458
EGGS LAID (indicate if uncertain): 4
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd): 5/6/93 (bd)
FEMALE BAND #: 202109200
EXPECTED HATCH DATE:
COLORS (R) org o red o org
HATCHED, DATE: 5/17/93
COLORS (L) Silver
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 14866
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): wp tag 15
LOCATION (SPECIFIC): uphill ; ~20m in flagged tree fall

DATE	TIME	INIT	STATUS
5-13-93	AM	JAH	♀ flushed off 4 eggs
5-15-93	~1400	JAH	4 eggs; ♀ not on nest
5-17-93	8:45	JAH	2 unhatched eggs & 2 nestlings; ♀ nearby chipping
5/18	~1300	[illegible]	3 [illegible] Palisade [illegible] 1 unhatched egg.
5/19	~1000	[illegible]	[illegible]
5/20	[illegible]	[illegible]	[illegible]
			Unhatched eggs taken back to lab
5/23	1500	LC JAH/BM	Day 6 - Banded & bled 3 young & both parents present & chippy
5/28	0755	MLC	Went to set net for ~~fledging~~, but nest cup pulled completely out of cavity. No sign of nestlings or of adults.

Failed!

3

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP209R TREATMENT GROUP: (I) DATE FOUND: 6/09

LOCATION: GENERAL WP Tag 14

LOCATION: SPECIFIC in west bank ~2m up

STATUS WHEN FOUND: ♀ incubating 5J eggs + 1CB

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? ♀ incubated; ♂ chipped

MALE BAND # 2101-06486 AGE: A,O

COLORS white/RK(R) SodK/yel(L)

MALE BLED (Y/N), DATE 4/16

BLOOD SAMPLE # 1458

FEMALE BAND # 2021-09200 AGE: A,O

COLORS org over red org(R) SO(L)

FEMALE BLED (Y/N), DATE 4/18

BLOOD SAMPLE # 1486

NESTLING BAND #'s: 2131-14085, 2131-14086, 2131-14087

NESTLING BLOOD SAMPLE #'s: 1895, 1896, 1897

IMPLANT DATE: 4/16

MASS AT IMPLANT: 20.8

IMPLANT OK (in, out)?: only 1 imp. 6/27

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? no

FEMALE SEEN W/ FOOD/FEEDING? no

YOUNG FOLLOWED DURING DEPENDENCE: yes

DATE OF FIRST EGG: 6/2 (bd)

BACKDATED? yes

EGGS LAID: 5

UNDEVELOPED EGGS: 0*?

COWBIRD EGGS: 1

HATCHING DATE: 6/16

HATCHLINGS: 3

MEAN MASS AT HATCHING (n):

MEAN MASS DAY 3 (n):

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE: Day 11 6/27

MEAN MASS AT FLEDGING (n):

MALE MASS AT FLEDGING: 21.1

TIME: 0920

FEMALE MASS AT FLEDGING: ~~0910~~ 19.7

TIME: 0910

SPECIFIC COMMENTS:

* 2 unhatched eggs broken before they were brought back to lab

NEST LOG SHEET

NEST ID: WP209R

TREATMENT GROUP: (I)

MALE BAND #:

DATE/STATUS WHEN FOUND:

COLORS (R)

5 EGGS 1 CREEK

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 #: 2021 09200

EXPECTED HATCH DATE:

COLORS (R) (Org ○ Red ○ Org)

HATCHED, DATE:

COLORS (L) (Silver)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 1486

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): ATRC OFFICE

LOCATION (SPECIFIC): 145 EGGS FLOATING - LAST SAW AT C-3

DATE	TIME	INIT	STATUS
			[illegible]
6/16	1025	mlc	♀ elusive. ID'd bec. 5 eggs ok. No ♂.
6/16 6/17	1430 PM	mlc	♀ Found. 2 yr. ♀ 5 full eggs. Weighed & measured. 2 eggs brought back to lab. 3 nestlings total. Weighed + measured.
	1500	TK	3 NESTLINGS OK (1 OF LARGER THAN OTHER 2) * MHC BLOOD TAKEN, EGGS RETURNED
			♀
6/25	1515	TK	♂
6-26	1000	TK	♂ present for sperm sample - ♂ # 2021-09200 - observed, ♀ clipped
	715	TK/JS	♂ returned SCDEBRIGHT @ yol/BLUE
6/27	0900	MC	Fledging Day - ♂ ♀ fledged through children's gate! 3 only fledged ⇒ brought back for sperm sample — (♂ - sperm sample TK)
7/3	[illegible]	DM	[illegible]
	AM		[illegible]
7/9/93	1530	TK/JS	Could not find family - found fledges that were unbanded & different females?

NEST LOG SHEET

NEST ID: WP-2019-K

DATE	TIME	INIT	STATUS	INIT
7/11	1500	JC	Day 4 found 2 [illegible] pulled out [illegible]	
7/12	[illegible]	JC	same but 3 adults with at least 2 [illegible] same but 2 left.	

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WF 210 TREATMENT GROUP: (I) DATE FOUND: 5/13

LOCATION: GENERAL WP Tag 13

LOCATION: SPECIFIC uphill ~10m in freefall

STATUS WHEN FOUND: 3 nestlings ~ Day 7

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? yes - both fed

MALE BAND # 940-93134 AGE: A,Y

COLORS lt bl (R) Salt grn/brn

MALE BLED (Y/N), DATE 4/16

BLOOD SAMPLE # 1459

FEMALE BAND # 940-93702 AGE: A,O

COLORS blk/lt grn (R) lavS

FEMALE BLED (Y/N), DATE 4/18

BLOOD SAMPLE # 1487

NESTLING BAND #'s: 2131-14701, 2131-14702, 2131-14703

NESTLING BLOOD SAMPLE #'s: 1598, 1599, 1600

IMPLANT DATE: 4/16

MASS AT IMPLANT: 22.2

IMPLANT OK (in, out)?: imps OK 7/1

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? yes

FEMALE SEEN W/ FOOD/FEEDING? yes

YOUNG FOLLOWED DURING DEPENDENCE: yes 2/3 to ind.*

DATE OF FIRST EGG: 4/22 (bd)

BACKDATED? yes

EGGS LAID: at least 3

UNDEVELOPED EGGS: 0

COWBIRD EGGS: 0

HATCHING DATE: 5/6 (bd)

HATCHLINGS: 3

MEAN MASS AT HATCHING (n): —

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE: est. Day 11 5/17

MEAN MASS AT FLEDGING (n):

MALE MASS AT FLEDGING: 21.4

TIME: 0730

FEMALE MASS AT FLEDGING: 19.5

TIME: 0730

SPECIFIC COMMENTS:

* only 2 nestlings in nest on fledging Day

NEST LOG SHEET

NEST ID: WP 210
TREATMENT GROUP: (I)
MALE BAND #:
DATE/STATUS WHEN FOUND: 5-13-93
COLORS (R): ~3 ~ day 7 nestlings
COLORS (L):
DATE 1st EGG (indicate if backdated): April 22 (bd)
BLOOD SAMPLE #:
EGGS LAID (indicate if uncertain): at least 3
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd): Apr. 25 (bd)
FEMALE BAND #: 94093702
EXPECTED HATCH DATE:
COLORS (R) BLK o Lt Grn
HATCHED, DATE: May 6 (backdated)
COLORS (L) Lav o Silver
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 1487
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WP tag 13
LOCATION (SPECIFIC): uphill, ~ 10 m in flagged treefall, nest below flag

DATE	TIME	INIT	STATUS
5-13-93	AM	JAH	♀ chipped nest had 3 ~ day 7 nestlings
			Banded and bled nestlings. Both adults chipped in nest.
5-17-93	9:55	TLC	Both ♂ + ♀ carrier worms but NOT get snakes ID.
5-15-93	9:45	JAH	Both ♂ & ♀ chipping; unable to ID ♂
5/16	PM	MHC	Both adults chipped at feeder by nest, ♂ was last IN at [illegible]
			Female #C735 in net, moth. Adult caught and bled. Only 2 nestlings
			[illegible]
			[illegible]
			[illegible]
5/30	1613	RCT	♀ seen with Ltgrn - L fledge, also unbanded fledge. ♂ here but not id'd. tag 10
5/31	1102	[illegible]	♂ Settled down from WP20 at [illegible] (Day 14)

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 210II TREATMENT GROUP: (I) DATE FOUND: 6/16

LOCATION: GENERAL WP Tag 14

LOCATION: SPECIFIC uphill ~12 m

STATUS WHEN FOUND: ♀ incubating 4 J eggs

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? ♀ incubated, ♂ chipped but did not feed

MALE BAND # 940-93134 AGE: A,Y

COLORS lt bl(R) Sol tan/brn(L)

MALE BLED (Y/N), DATE 4/16

BLOOD SAMPLE # 1459

FEMALE BAND # 940-93702 AGE: A,O

COLORS blk/ltgrn(R) lav/S(L)

FEMALE BLED (Y/N), DATE 4/18

BLOOD SAMPLE # 1487

NESTLING BAND #'s: 2131-14431; 2131-14432; 2131-14433, 2131-14434

NESTLING BLOOD SAMPLE #'s: 1919, 1920, 1921, 1922

IMPLANT DATE: 4/16

MASS AT IMPLANT: 22.2

IMPLANT OK (in, out)?: imps. ok 7/1

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? no

FEMALE SEEN W/ FOOD/FEEDING? no

YOUNG FOLLOWED DURING DEPENDENCE: no

DATE OF FIRST EGG: 6/5 (bd)

BACKDATED? yes

EGGS LAID: at least 4

UNDEVELOPED EGGS: 0

COWBIRD EGGS: 0

HATCHING DATE: 6/19

HATCHLINGS: 4

MEAN MASS AT HATCHING (n):

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE:* Day 10-11 6/30-7/1

MEAN MASS AT FLEDGING (n): 17.2 (n=1)

MALE MASS AT FLEDGING: —

TIME:

FEMALE MASS AT FLEDGING: —

TIME:

SPECIFIC COMMENTS:

* young fledged naturally

NEST LOG SHEET

NEST ID: Y/F 210 II

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND:

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL):

LOCATION (SPECIFIC):

DATE	TIME	INIT	STATUS
6-16-93			5 EGGS; INCUBATION 4 OR 5 DAYS
6-20			4 YOUNG; 3 DAY 1, 1 DAY 0 - WEIGHTS/MEASURES
6-24	1 PM	ZH	CT ♂ AT TAG 11+ WHILE TRYING TO CATCH ONCON ♂. SOMEWHERE ?
6-26	1 PM	DM	Banded + bled at nestlings. Both parents present.
6-28	0800	TK	Caught - ♂ for sperm sample. ♂ got away from bucket but saw that implants were ok.
6-32	1140	DM	checked - for pre fledge - not CT young present.
7/1	-		for sperm; Bled for CBC - TK ♀ CT, But She got away - ♂ CT → sampled

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WF 211 TREATMENT GROUP: (I) DATE FOUND: 5/13

LOCATION: GENERAL WP Tag 4

LOCATION: SPECIFIC uphill 10m in bank of treefall

STATUS WHEN FOUND: ♀ incubating 4 J eggs

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? yes both fed

MALE BAND # 2101-06056 AGE: A,O

COLORS yel:S(R) |av o|aV

MALE BLED (Y)N), DATE 4/16

BLOOD SAMPLE # 1462

FEMALE BAND # 940 93991 AGE: A,Y

COLORS red(R) S:dk bl|white:real

FEMALE BLED (Y)N), DATE 4/26; 5/20

BLOOD SAMPLE # 1564, 1615

NESTLING BAND #'s: 2131-14712; 2131-14713; 2131-14715

NESTLING BLOOD SAMPLE #'s: 1669, 1670, 1671

IMPLANT DATE: 4/16

MASS AT IMPLANT: 22.1

IMPLANT OK (in, out)?: imps OK 7/22

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? yes

FEMALE SEEN W/ FOOD/FEEDING? yes

YOUNG FOLLOWED DURING DEPENDENCE: no

DATE OF FIRST EGG: 5/6 (6d)

BACKDATED? yes

EGGS LAID: at least 4

UNDEVELOPED EGGS: 1

COWBIRD EGGS: 0

HATCHING DATE: 5/20

HATCHLINGS: 3

MEAN MASS AT HATCHING (n):

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE: *

MEAN MASS AT FLEDGING (n): —

MALE MASS AT FLEDGING: —

TIME:

FEMALE MASS AT FLEDGING: —

TIME:

SPECIFIC COMMENTS:

* on 5/30 (Day 10) nestlings were gone
on 6/10 Zig saw ♀ ♂ w/ food feeding fledglings
∴ nest probably fledged but did not fail

NEST LOG SHEET

NEST ID: WP 211
TREATMENT GROUP: (I)
MALE BAND #: 2106605 LC
DATE/STATUS WHEN FOUND: 5-13-93
COLORS (R) yel c Silver
found w/ 4 eggs
COLORS (L) lav c LAV
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE # 1-1-5
EGGS LAID (indicate if uncertain): at least 4
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 940-3991
EXPECTED HATCH DATE:
COLORS (R) RED
HATCHED, DATE:
COLORS (L) SILVER : [illegible] : RED
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 1564, 1615
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WP tag 4
LOCATION (SPECIFIC): uphill 10m in bank of tree fall flagged above

DATE	TIME	INIT	STATUS
5-13-93	AM	JAH	♀ flushed off four eggs
5-15-93	[illegible]	JAH	4 eggs, ♀ didn't flush, but chirped
5/26	0892	mtc	Id'd both Adults. ♂ very chippy. Nestlings OK.
5/30	[illegible]	[illegible]	Failed - no sign of nestling.
	1700 1730	ZG	TRIED TO CATCH ♂ FOR TRANSMITTER, MISSED. A ♂ SANG OFF AND FOR AN HOUR BOTH SIDES OF W.P., COULD NOT ID.
6/10	1300 1302	ZHG	SAW BOTH ADULTS. YR'S 42LAV ♂ RED 500 KRA/WHITE ORB ♀ SAW 2 Fledges. BOTH ADULTS W. HG ♂ THIS BROOD HAS FOOD IN MOUTH. NEVER COULD SEE LEGS OF BEGGING. Fledges SAW FROM FLY. ALWAYS SAW. HOORAY THIRD!!

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 211 II TREATMENT GROUP: (I) DATE FOUND: 6/20

LOCATION: GENERAL WP Tag 5

LOCATION: SPECIFIC downhill in stream bank

STATUS WHEN FOUND: ♀ incubating 5 J eggs

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? ♀ incubating, ♂ defended nest during predator presentation

MALE BAND # 2101-06056 AGE: A, O

COLORS yel·S(R) lav·lav

MALE BLED (Y/N), DATE 4/16

BLOOD SAMPLE # 1462

FEMALE BAND # 940-93991 AGE: A, Y

COLORS Red(R) Sodk bk/white·Red(B)

FEMALE BLED (Y/N), DATE 4/26, 5/20

BLOOD SAMPLE # 1564, 1615

NESTLING BAND #'s: 2131-14267, 2131-14268, 2131-14269, 2131-14270, 2131-14271

NESTLING BLOOD SAMPLE #'s: 1925, 1926, 1927, 1928, 1929

IMPLANT DATE: 4/16

MASS AT IMPLANT: 22.1

IMPLANT OK (in, out)?: imps ok 7/22

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? no

FEMALE SEEN W/ FOOD/FEEDING? no

YOUNG FOLLOWED DURING DEPENDENCE: —

DATE OF FIRST EGG: 6/8 (bd)

BACKDATED? yes

EGGS LAID: 5

UNDEVELOPED EGGS: 0

COWBIRD EGGS: 0

HATCHING DATE: 6/22

HATCHLINGS: 5

MEAN MASS AT HATCHING (n):

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE: —

MEAN MASS AT FLEDGING (n): —

MALE MASS AT FLEDGING: —

TIME:

FEMALE MASS AT FLEDGING: —

TIME:

SPECIFIC COMMENTS:

Nest failed between 6/29 & 7/2 during late nestling stage

* predator presentation on 6/29

NEST LOG SHEET

NEST ID: WT 211 T

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: 6-25

5 LO

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain): 5

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL):

LOCATION (SPECIFIC):

DATE	TIME	INIT	STATUS
6-26	1000	LL	Banded ♀ BEd! 5 young
6-28	725	TH	Caught male for sperm sample - 81 mealworms per month.

NEST LOG SHEET

NEST ID: WP [illegible]

MALE BAND #: [illegible]

COLORS (R) [illegible]

COLORS (L) [illegible]

BLOOD SAMPLE # [illegible]

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: [illegible]

COLORS (R) [illegible]

COLORS (L) [illegible]

BLOOD SAMPLE # [illegible]

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: [illegible]

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): [illegible]

LOCATION (SPECIFIC):

DATE	TIME	INIT	STATUS
[illegible]			[illegible]
7/16	AM	LL	? flushed of 3 eggs → (wands seen) chipped
[illegible]	[illegible]	LL	[illegible]

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 212 TREATMENT GROUP: unknown DATE FOUND: 5/13

LOCATION: GENERAL WP Tag 24

LOCATION: SPECIFIC uphill ~20m in treefall

STATUS WHEN FOUND: 2 eggs in nest

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? NO ♂ unknown, ♀ ID uncertain

MALE BAND # unknown* AGE:

COLORS

MALE BLED (Y/N), DATE

BLOOD SAMPLE #

FEMALE BAND # 2131-14321 AGE: A,Y

COLORS org(R) yel|blk o5(L)

FEMALE BLED (Y/N), DATE 4/18

BLOOD SAMPLE # 1496

NESTLING BAND #'s: —

NESTLING BLOOD SAMPLE #'s: —

IMPLANT DATE: —

MASS AT IMPLANT: —

IMPLANT OK (in, out)?: —

IMPLANT REMOVED (Y/N), DATE: —

MALE SEEN W/ FOOD/FEEDING? —

FEMALE SEEN W/ FOOD/FEEDING? —

YOUNG FOLLOWED DURING DEPENDENCE: —

DATE OF FIRST EGG: 5/12

BACKDATED? NO

EGGS LAID: 2

UNDEVELOPED EGGS: —

COWBIRD EGGS: —

HATCHING DATE: —

HATCHLINGS: —

MEAN MASS AT HATCHING (n): —

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n): —

FLEDGING AGE/DATE: —

MEAN MASS AT FLEDGING (n): —

MALE MASS AT FLEDGING: —

TIME:

FEMALE MASS AT FLEDGING: —

TIME:

SPECIFIC COMMENTS:

Nest failed between 5/13 & 5/15 during early egg stage

* ♂ at WP 212R is redos 3 red 94093502

NEST LOG SHEET

NEST ID: WP 212
TREATMENT GROUP:
MALE BAND #:
DATE/STATUS WHEN FOUND: 5-13-93 / 2 eggs
COLORS (R)
COLORS (L)
DATE 1st EGG (indicate if backdated): 5-12-93(
BLOOD SAMPLE #
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 2131 14321
EXPECTED HATCH DATE:
COLORS (R) (org)
HATCHED, DATE:
COLORS (L) (yel/blk·S)
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 14910
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WP tag 24
LOCATION (SPECIFIC): uphill ~ 20 m in very large treefall, flagged

DATE	TIME	INIT	STATUS
5-13-93	AM	JAH	found w/ 2 eggs no adults in sight
5-15-93	13:45	JAH	No eggs, no shells etc. no adults in sight
5/18	[illegible]	[illegible]	[illegible]
5/19	PM	mhc	♀ (org) (yel/blk·S) chips below nest site.

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 212 R TREATMENT GROUP: (I) DATE FOUND: 5/19

LOCATION: GENERAL WP Tag 22

LOCATION: SPECIFIC in bank ~1 m up

STATUS WHEN FOUND: ♀ building

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? ♀ incubated, ♂ fed

MALE BAND # 940 93502 AGE: A,O

COLORS redOS (R) 3 Red (L)

MALE BLED (Y/N), DATE 4/16

BLOOD SAMPLE # 1463

FEMALE BAND # 2131-14321 AGE: A,Y

COLORS org (R) yel|blk OS

FEMALE BLED (Y/N), DATE 4/18

BLOOD SAMPLE # 1496

NESTLING BAND #'s: 2131-14243; 2131-14244; 2131-14245; 2131-14246

NESTLING BLOOD SAMPLE #'s: 1816, 1817, 1818, 1819

IMPLANT DATE: 4/16

MASS AT IMPLANT: 20.3

IMPLANT OK (in, out)?: only limp 4/18 no imps 7/7

IMPLANT REMOVED (Y/N), DATE:

MALE SEEN W/ FOOD/FEEDING? yes

FEMALE SEEN W/ FOOD/FEEDING? no

YOUNG FOLLOWED DURING DEPENDENCE: no

DATE OF FIRST EGG: 5/23

BACKDATED? no

EGGS LAID: 4

UNDEVELOPED EGGS: 0

COWBIRD EGGS: 0

HATCHING DATE: 6/7

HATCHLINGS: 4

MEAN MASS AT HATCHING (n):

MEAN MASS DAY 3 (n): —

MEAN MASS DAY 5/6 (n):

FLEDGING AGE/DATE: Day 10 6/17

MEAN MASS AT FLEDGING (n):

MALE MASS AT FLEDGING:

TIME:

FEMALE MASS AT FLEDGING:

TIME:

SPECIFIC COMMENTS:

♀ dislocated leg in mist net during fledging

♀ CT WP TAG 24 7/28 LEG HEALED !!

NEST LOG SHEET

NEST ID: WP 212R
MALE BAND #: 940 99552
COLORS (R) (Red o/S)
COLORS (L) (3 Brass Colors)
BLOOD SAMPLE # 1463
IMPLANT REMOVED (Y/N), DATE: _____
FEMALE BAND #: 2131 14321
COLORS (R) (Orng)
COLORS (L) (yel/blk o/S)
BLOOD SAMPLE # 1496
FEMALE STAYED/LEFT, DATE: _____

TREATMENT GROUP: _____
DATE/STATUS WHEN FOUND: Full clutch of eggs
DATE 1st EGG (indicate if backdated): 5/23/93
EGGS LAID (indicate if uncertain): 4
DATE INCUBATION ONSET (indicate if bd): 5/26/93
EXPECTED HATCH DATE: _____
HATCHED, DATE: _____
FLEDGED/FAIL, #, DATE: _____

LOCATION (GENERAL): WP trng (22)
LOCATION (SPECIFIC): Tr. last on trail at WP (22) On bank up from flagged access and cross trail to nest

DATE	TIME	INIT	STATUS
5/19	1614	mtc	Both adults chippy. ♀ w/ grass in beak. ♂ w/ grass. [illegible]
	[illegible]	[illegible]	Nest [illegible]
5/21	1051	MTC	♂ identified. Still no eggs. No ♂ in sight. ♀ chips ~2 m away.
5/22	AM	[illegible]	NO EGG; no adults
5/23	1543	mtc	1 egg
5/24	1527	mtc	2 eggs ♀ flushed from nest No ♂ in sight.
5/25	0932	mtc	3 eggs. ♂ across rd ~4 m from nest
5/26	0902	mtc	4 eggs. ♀ not on. No one in sight.
5/27	1432	JAH	4 eggs ♀ not on nest, but chipping
5/28	0812	mtc	♀ not on. 4 warm eggs. Nobody around...
5/30	1816	RCT	♀ flushed off 4 eggs. (all junco eggs)
6/3	0933	mtc	♀ on. Did not check for ♂.
6/5	1600	LC	♀ flushed off 4 Jrogs
6/10	0930	mtc	Nestlings all ok. ♀ not on. No adults in sight.
6/14	1030	LC	Banded 4 Brd 4 Day 7 Nestlings
6/16	1500	ZC	SET NET ~~[illegible]~~. [illegible] ADULTS SCOLDING CHICKS.
6/17	0740	MTC IN	Opened net ~0740. ♀ flew in and dislocated her left leg in net. Grabbed nestlings, ♂ flew into net. bled him for CBP. Brought family back to IAB, ♂ [illegible] (got no sperm from him). Put ♀ under metal and felt [illegible]

NEST LOG SHEET

NEST ID: WP212R

DATE	TIME	INIT	STATUS	INIT
6/17 (Covid)			Band already done, so did not reset leg – cleaned wo. ♀ still perky when family released back at nest site. Watched for ~45 min. ♂ fed fledglings, but ♀ did not. Saw her hopping on lower branches ~ 3m from site.	
6/22	153	[illegible]	SAW ADULT (?) FEEDING FLEDGES IN HEMLOCKS STORMS DF. DID NOT ID ANYONE.	

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 213 TREATMENT GROUP: _____ DATE FOUND: _____

LOCATION: GENERAL _____

LOCATION: SPECIFIC _____

STATUS WHEN FOUND: _____

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? _____

_____

MALE BAND # _____ AGE: _____

COLORS _____

MALE BLED (Y/N), DATE _____

BLOOD SAMPLE # _____

FEMALE BAND # _____ AGE: _____

COLORS _____

FEMALE BLED (Y/N), DATE _____

BLOOD SAMPLE # _____

NESTLING BAND #'s: _____

_____

NESTLING BLOOD SAMPLE #'s: _____

_____

IMPLANT DATE: _____

MASS AT IMPLANT: _____

IMPLANT OK (in, out)?: _____

IMPLANT REMOVED (Y/N), DATE: _____

MALE SEEN W/ FOOD/FEEDING? _____

FEMALE SEEN W/ FOOD/FEEDING? _____

YOUNG FOLLOWED DURING DEPENDENCE: _____

DATE OF FIRST EGG: _____

BACKDATED? _____

EGGS LAID: _____

UNDEVELOPED EGGS: _____

COWBIRD EGGS: _____

HATCHING DATE: _____

HATCHLINGS: _____

MEAN MASS AT HATCHING (n): _____

MEAN MASS DAY 3 (n): _____

MEAN MASS DAY 5/6 (n): _____

FLEDGING AGE/DATE: _____

MEAN MASS AT FLEDGING (n): _____

MALE MASS AT FLEDGING: _____

TIME: _____

FEMALE MASS AT FLEDGING: _____

TIME: _____

SPECIFIC COMMENTS:

NEST LOG SHEET

NEST ID: WP 213
TREATMENT GROUP:
MALE BAND #:
DATE/STATUS WHEN FOUND: 5-13-93 / nest
COLORS (R):
lacked complete
COLORS (L):
DATE 1st EGG (indicate if backdated): 5/14/93 (bd)
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 22
LOCATION (SPECIFIC): uphill ~40 m in old tree fall, flagged

DATE	TIME	INIT	STATUS
5-13-93	AM	JAH	nest lined, lacked complete; adults could not ID
5-15-93	12 00	JAH	2 eggs; no adults in sight
5-17-93	11 30	JAH	no eggs; nest material on ground

NEST LOG SHEET

NEST ID: WP 214 | TREATMENT GROUP: I

MALE BAND #: 940 93767 | DATE/STATUS WHEN FOUND: last empty, but fully lined.

COLORS (R) (SO | AN o'blk) | DATE 1st EGG (indicate if backdated): 5/15 -3 (BD)

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

BLOOD SAMPLE # 1465 | DATE INCUBATION ONSET (indicate if bd):

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

FEMALE BAND #: 940-93908 | # HATCHED, DATE:

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

COLORS (L) [illegible]

BLOOD SAMPLE # 1600

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WF tag 9-10 Uphill ~175 meters

LOCATION (SPECIFIC): Yellow flags uphill to large [illegible] located in [illegible]

DATE	TIME	INIT	STATUS
[illegible]	[illegible]	mlc	Nest fully lined. No eggs. No adults in sight.
5/16	[illegible]	mlc	2 eggs! No parents ID'd.
5/17/93	1140	JAH	3 eggs; no parents in sight
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	♀ noted from 4 eggs ♂ IL uncertain
			IL ♀ as [illegible] (M) 10cl (F) (Lu = I could also [illegible])
5/25	0741	MLC	Attempted to catch ♀. Caught ♂ instead. Implants ck. Processed ♂ chppy. Eggs ck.
5/30	1600	[illegible]	♀ tubed & nestlings weighted.
6/2	1642	MLC	4 nestlings ck & weighed. No adults in sight.
6/5	1500	[illegible]	Banded & BSed 4 nestlings
[illegible]	[illegible]	[illegible]	[illegible]
6/10	0730	MLC	Fledging day! Caught (in nest) all 4 nestlings, then caught ♂ in net and bled for CBP. ♀ chipped also. Neighboring unbanded ♂ chipped as nestlings screamed, then he sang. Tail spread - very cocky w/ ♀ as I processed babies and ♂.
[illegible]	[illegible]	[illegible]	[illegible] ♂ was [illegible]
[illegible]	[illegible]	[illegible]	[illegible] consistent w/ [illegible]
[illegible]	[illegible]	[illegible]	[illegible]
6/24	1430	JAH	Family at staging WP 214 98

NEST LOG SHEET

NEST ID: WP 214 II

MALE BAND #: 940 93771

COLORS (R) SoLAVo/YEL

COLORS (L) LTGRN

BLOOD SAMPLE # 1566

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 940-93802

COLORS (R) RED

COLORS (L) SoBLUoYEL

BLOOD SAMPLE # 1600

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: 7/8 [illegible]

DATE 1st EGG (Indicate if backdated):

EGGS LAID (Indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WP Trap 9-10

LOCATION (SPECIFIC):

DATE	TIME	INIT	STATUS
7/24		CS	3(or more) [illegible] ABOVE NEST
	830		fledged 4 young (10 day old) fledgs - Ct ♀ for CBP - Did not catch ♂ - But, did catch 2 nestlings ♂ 940-93771 (Solavoyel ♂ X Irgun ♀) → ♂ from old [illegible] w/food in mouth - entering nest - fledgeyng ♂ 940-93767 - (Solavo Red X white)
			[illegible]
			[illegible]
7/24	1500	JS	SAW 940-93771 WITH ♀ 93802. PERCHED IN MOSS BELOW OFF PLATFORM.
	1500	JS	CT BOTH IN NET UP NEAR 10. BOTH REMOVED 93771 IMPLANT

NEST LOG SHEET

NEST ID: [illegible] 215
MALE BAND #: 940 9384
COLORS (R) (S [illegible])
COLORS (L) (Blue ..)
BLOOD SAMPLE # 1589
IMPLANT REMOVED (Y/N), DATE: _____
FEMALE BAND #: 2101-06140
COLORS (R) pink / blk
COLORS (L) S o yel o blk
BLOOD SAMPLE # 1606
FEMALE STAYED/LEFT, DATE: _____

TREATMENT GROUP:
DATE/STATUS W
DATE 1st EGG (in
EGGS LAID (indi
DATE INCUBATION
EXPECTED HATCH DA
HATCHED, DATE:
FLEDGED/FAIL, #, DATI

IT IS NOT CLEAR WHO THE MALE OF 215 IS? SAYS STAY CLOSE ADULT (NEED INFO FROM G/P FLEDGLING PLOT)

LOCATION (GENERAL): [illegible]
LOCATION (SPECIFIC): [illegible]

DATE	TIME	INIT	STATUS
[illegible]	[illegible]	[illegible]	[illegible]
5/[illegible]	[illegible]	[illegible]	♀ and 4 eggs.
5/21	1028	MHC	♀ flushed from 4 eggs. No ♂ in sight.
5/[illegible]	--	[illegible]	♀ flushed from 4 eggs
5/23	1524	MHC	♀ flushed off 4 eggs.
5/26	1709	MHC	♀ flushed from 4 DAY 0 nestlings! All weighted + measured. No ♂.
5/27	500	JAH	Checked for hatching since it was on dirty rooster. Weighed nestlings AGAIN! Flapped ♂ carrying food. Id'd ♀.
5/29	1150	JAH	
[illegible]	[illegible]	[illegible]	BANDED AND bled 4 nestlings. Both adults calling. ♀ on nest when I approached and flew to B+R
6/3	[illegible]	[illegible]	[illegible] both parents present - nestlings present
6/5	[illegible]	[illegible]	worms in nest - not already left, ♀ flapped on nest
6/[illegible]	[illegible]	JAH	BOTH ADULTS IN AREA FORAGING FLEDGLING (ATLOOSI2) SAW R/W (DID NOT SEE [illegible])

NEST LOG SHEET

NEST ID: WP215 II
TREATMENT GROUP:
MALE BAND #: 2101-06061
DATE/STATUS WHEN FOUND: 5 EGGS (JUNCO)
COLORS (R) CR3
COLORS (L) S 2Y/BLK
DATE 1st EGG (indicate if backdated):
BLOOD SAMPLE #
EGGS LAID (indicate if uncertain):
IMPLANT REMOVED (Y/N), DATE:
DATE INCUBATION ONSET (indicate if bd):
FEMALE BAND #: 2101 06140
EXPECTED HATCH DATE: 6/29
COLORS (R) /BLK
HATCHED, DATE:
COLORS (L)
FLEDGED/FAIL, #, DATE:
BLOOD SAMPLE # 1606
FEMALE STAYED/LEFT, DATE:
LOCATION (GENERAL): WP TAG
LOCATION (SPECIFIC): WEST BANK ~ 1' 8 STAKES PAST WP TAG
FLAGGING TIE MARKING PATH

DATE	TIME	INIT	STATUS
			[illegible] ; 1 CHIPPING [illegible]
6/19	1435	ZH/KK	FLUSHED ♀. 5 JUNCO EGGS
	1700	ZH	♀ ON, DIDN'T FLUSH
6/24	1030	ZH	♀ ON ●
6/28	1100	LC	♀ on 5 eggs
6/30	1715	ZH	LAST EGG HATCHING. DIDN'T WEIGH. 5 YOUNG IN NEST. TIS PINK/BLK
			[illegible] & THEN SAW MALE AT WP EGGS / [illegible] # NG ORANGE - 1/2
7/5	1500	CS	NEST Banded and Bled 5 nestlings, SAW ♀ FEEDING MANY TIMES BUT NO SIGN OF C [1500-1600]
			[illegible]
7/08	1530 1405	ZH	ORG® SCY/BLK⊖ FED TWICE. WAS IN MOA APPROX MATELY 200 BEFORE HE FED. ALWAYS FED AFTER ♀. AT 1525 SAME ♂ AT WP2066 MOA CHIPPING. ALSO UB ♂ CAME CLOSE TO ROAD ♀ CHASED. 1 SMALL UB ♂ REAPPEARS ABOUT 40' DOWNHILL FROM NEST!!
7/09	1500	ZH	SET UP PLOT FOR [illegible] EVERYONE ALIVE ♀ IS FLYING NORMALLY
7/11			[illegible]
7/11	1530	ZH/KK	♀ CHIPPING RIGHT AT NEST, HAS NOT PICKED UP PELLET

NEST LOG SHEET

NEST ID: WP 21ET

DATE	TIME	INIT	STATUS	INIT
7-17	1052	JS	FOUND [illegible] W/ WP 20G [illegible] FLEDGED [illegible]	

NEST LOG SHEET

C-C

NEST ID: UC 216

MALE BAND #: 2131 19706

COLORS (R) (white/red OS)

COLORS (L) ( )AU-yel( )

BLOOD SAMPLE # 1648

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 940-03242

COLORS (R)

COLORS (L)

BLOOD SAMPLE # 1649

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: [illegible] 5/15

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): [illegible]

LOCATION (SPECIFIC): [illegible]

DATE	TIME	INIT	STATUS
[illegible]			[illegible]
5/19	[illegible]	MHC	♀ in w/ 4 eggs. No ♂ in sight.
[illegible]			[illegible] Polished spin[illegible] 2 [illegible]
5/21	1407	MHC	ALL 4 eggs hatched! Last 2 polished + processed. Both adults [illegible]
5/23	1529	MHC	Caught ♀ and unbanded ♂ w/ lure + tape. Bled and processed both, banded ♂. Nestlings all ok.
5/26	1607	MHC	♀ not on. Banded and bled nestlings. Both parents very chippy!
5/27	[illegible]	MHC/[illegible]	predator trap - took about an hour; 4 nestlings
5/31	[illegible]	[illegible]	[illegible] fledged. Last cup empty. Under nest cup found [illegible]

fledged!

NEST LOG SHEET

NEST ID: WP 216 R

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 4 J EGGS

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 #: 940 93482

EXPECTED HATCH DATE:

COLORS (R): OK RL

HATCHED, DATE:

COLORS (L): OK BL O R S

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #:

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): F[illegible] UP TO TREE FALL FROM ARC

LOCATION (SPECIFIC): WPS KANE TAG 420 TE [illegible]

DATE	TIME	INIT	STATUS
6/[illegible]	[illegible]	[illegible]	FLUSHED ♀ POSITIVE W 4 J EGGS
6/12	1140	MHz	flushed ♂. ID'd her. No OF. Eggs (4) ck.
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1[illegible]	[illegible]	ALL EGGS GONE. W/BIRDS LAYING.
6/24	1032	ZG	PLACED TAPE NEAR OLD NEST (6TH RESPONDER QUICKLY SING 2 MINUTES!)
6/22	PM	ZHC	THERE IS A CONSPICUOUS [illegible] NEST IN HIGH TREETOP DOWN FROM TAG #2.
[illegible]	[illegible]	ZHC	NEGATIVE FOR [illegible] ATTEMPT
6/24	1025	ZHC	THIS NEST "WHO RESPONDED" HAS 1 EGG. NOW CALLED WP 222

NOT ASSOCIATED WITH WP216 BB ZH

NEST LOG SHEET

NEST ID: WP 216 R2 — TREATMENT GROUP: C-C

MALE BAND #: 2131 [illegible] — DATE/STATUS WHEN FOUND: 4 EGGS

COLORS (R): WIR OS

COLORS (L): LAW/O Y:L — DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE #: 1648 — # EGGS LAID (indicate if uncertain):

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

FEMALE BAND #: 94C 934 L — EXPECTED HATCH DATE: [redacted]

COLORS (R): DK BL — # HATCHED, DATE:

COLORS (L): DKBL, RED OS — FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE #: 1649

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WP TAG 42

LOCATION (SPECIFIC): FOLLOW FLAGS TOWARD WP 216 R & KEEP FOLLOWING FLAGS WAY UPHILL

DATE	TIME	INIT	STATUS
7/4	1770	ZH	FLUSHED FEMALE FROM NEST ON FRONT SIDE OF SMALL TREE FACE MARKED WITH FLAG. NOT POSITIVE ONLY SAW DK BL (R) & — ORGS LEFT.
			[illegible]
			[illegible]
			[illegible] DKBL · RED — (L), 4 EGGS
7/5	1430	ES	♀ FLUSHED 2 YOUNG, 2 EGGS
			[illegible]
[illegible]	171	ZH	[illegible] MINUTES, NO ♂
			[illegible]
		ZH	[illegible]

NEST LOG SHEET

NEST ID: WP 217

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: 5/18 - 3 eggs + 1 cowbird egg ; parents unidentified

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WP tag ~ 32 near stream

LOCATION (SPECIFIC): left of stream ~ 50 m from road, next closest ~ 4 feet ground in tree fork

DATE	TIME	INIT	STATUS
5/18	[illegible]	DM	3 eggs + 1 cowbird; parents not in sight
5/19	1617	MHC	4 EGGS + 1 CB EGGS WHITE & pinkish tint to them
[illegible]	[illegible]	[illegible]	[illegible]

FITNESS CORRELATES SUMMARY SHEET

NEST ID: WP 2/8 TREATMENT GROUP: _____ DATE FOUND: _____

LOCATION: GENERAL _____

LOCATION: SPECIFIC _____

STATUS WHEN FOUND: _____

BOTH ADULTS POSITIVELY IDENTIFIED W/ NEST? _____

_____

MALE BAND # _____ AGE: _____

COLORS _____

MALE BLED (Y/N), DATE _____

BLOOD SAMPLE # _____

FEMALE BAND # _____ AGE: _____

COLORS _____

FEMALE BLED (Y/N), DATE _____

BLOOD SAMPLE # _____

NESTLING BAND #'s: _____

_____

NESTLING BLOOD SAMPLE #'s: _____

_____

IMPLANT DATE: _____

MASS AT IMPLANT: _____

IMPLANT OK (in, out)?: _____

IMPLANT REMOVED (Y/N), DATE: _____

MALE SEEN W/ FOOD/FEEDING? _____

FEMALE SEEN W/ FOOD/FEEDING? _____

YOUNG FOLLOWED DURING DEPENDENCE: _____

DATE OF FIRST EGG: _____

BACKDATED? _____

EGGS LAID: _____

UNDEVELOPED EGGS: _____

COWBIRD EGGS: _____

HATCHING DATE: _____

HATCHLINGS: _____

MEAN MASS AT HATCHING (n): _____

MEAN MASS DAY 3 (n): _____

MEAN MASS DAY 5/6 (n): _____

FLEDGING AGE/DATE: _____

MEAN MASS AT FLEDGING (n): _____

MALE MASS AT FLEDGING: _____

TIME: _____

FEMALE MASS AT FLEDGING: _____

TIME: _____

SPECIFIC COMMENTS:

NEST LOG SHEET

NEST ID: WP 218 [illegible] ?

MALE BAND #: 2101 06423

COLORS (R) lav (originally lav◦wht)

COLORS (L) S◦red/wht

BLOOD SAMPLE # 1535

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #: 940 93882

COLORS (R) red/wht V◦K

COLORS (L) S◦lt bl/blk◦lav

BLOOD SAMPLE # 1553

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP: C-C

DATE/STATUS WHEN FOUND: 5/30/93 ~day 3 nestlings; 4

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WPR tag 2

LOCATION (SPECIFIC): ~100 m uphill; follow flags - in bank of treefall

DATE	TIME	INIT	STATUS
5/30/93	1100	ZIG/DAH	♀ & ♂ chipping; 4 ~day 3 nestlings NOTE: ♂ was originally lav◦wht on (R) now just lav
5/31	[illegible]	[illegible]	Caught both ♂ and ♀ w/ nets. Did both. Did not [illegible] nestlings are okay.
6/8	[illegible]	[illegible]	NEST ABANDONED. FOUND 2 ALIVE, DEAD ADULT, & [illegible] CHICKS OUT SEVERAL DAYS
[illegible]	[illegible]	[illegible]	[illegible]
6/14	1100	ZIG	NO EGGS, YET! NEED TO SEE!
6-30	1120	ZIG	3 eggs ♀ & ♂ chipping nearby

NEST LOG SHEET

NEST ID: [illegible]

MALE BAND #: [illegible]

COLORS (R) [illegible]

COLORS (L) [illegible]

BLOOD SAMPLE # _____

IMPLANT REMOVED (Y/N), DATE: _____

FEMALE BAND #: [illegible]

COLORS (R) _____

COLORS (L) _____

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

TREATMENT GROUP: _____

DATE/STATUS WHEN FOUND: [illegible]

(sec WF [illegible])

DATE 1st EGG (Indicate if backdated): [illegible]

EGGS LAID (Indicate if uncertain): [illegible]

DATE INCUBATION ONSET (indicate if bd): [illegible]

EXPECTED HATCH DATE: _____

HATCHED, DATE: _____

FLEDGED/FAIL, #, DATE: _____

VEST →

LOCATION (GENERAL): [illegible]

LOCATION (SPECIFIC): [illegible]

DATE	TIME	INIT	STATUS
			[illegible]
7/5	PM	ES	♀ FLUSHED, [illegible]
			♀ [illegible]
			[illegible]

NEST LOG SHEET

(I)

NEST ID: WP 219 | TREATMENT GROUP:

MALE BAND #: 2131 14672 | 2131-14318 | DATE/STATUS WHEN FOUND: 1 JUNCO EGG

COLORS (R) (BLK-S) | yel/blk-S

COLORS (L) (white-Red-White) | yel-Red

BLOOD SAMPLE # 1783 | 1784

IMPLANT REMOVED (Y/N), DATE:

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

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

FEMALE BAND #: 2101 - 06337

EXPECTED HATCH DATE:

COLORS (R) Red

HATCHED, DATE:

COLORS (L) S-2 Albi

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # ~~1592~~ 1593

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): W² 109 31. To SE Cinnamon Creek

LOCATION (SPECIFIC): 1st nest found is on W side of ~~Cinnamon~~ WPR, in [illegible] ... on W side of the Mesa [illegible]

DATE	TIME	INIT	STATUS
5/31		KCI	Nest found w/ 1 [illegible] JUNCO EGG [UNTOUCHABLE + UNREACHABLE nest]
6/1/92		KCI MAC	♀ flushed from 3 eggs ♀ ided.
6/3	1104	MAC	♀ flushed nest 4 eggs. Does not [illegible]
6/5	0830	MAC	♀ flushed off 4 eggs, nest empty, 5 eggs
6/7	1532	MAC	[illegible] Took 2 45 mins for ♂ to respond to A-tape, but I got him.
6/13			HATCHED
6/[illegible]			[illegible] N of IN SWP
6-19	1054	MK	♂ caught for sperm sampling - different TREE than one above - flushed ♀ from nest after feeding young. ♂ was 2131-14318 (Yel/Blk-S) Cyl-Red/Wht ♀ trapping:
		ZCG	(♂ 2131 14672 WAS AT WP TREE 30 - NEIGHBOR MAN, SINGING ETC, SEEMS SAT 1 BIRD TOO SMALL TO BE SEXED ACCURATELY HE WAS ON MATING #5)
	1450	ZCG/KG	BANDED, BLED 4 YOUNG
6/20	1502	MC	predator presentation: saw both adults, at least 3 young
6/22	1041	KMS	[illegible] SAW 2 YOUNG (APPEARED NORMAL) HUNTED DOWN IN NEST [illegible]
6/24	1221 ~~0552~~	ES/KG	WAITED THE 10 MINUTES. ESCAPED NOTHING SEEN IT TOOK 3 MINUTES TO CATCH ♀ ONLY 3 IN NEST! ♂ NEVER SEEN FOR THE WHOLE REMINDER!
	1530	ZCG	SAW ♀ & ♂ ♀ Y/BLK-S & Yel TAG 35 IN MOUTH
↓	1740	ZCG	SAW ♀ & ♂ [illegible] FED YOUNG IN GULLY

NEST LOG SHEET

NEST ID: WP 219

DATE	TIME	INIT	STATUS	INIT
7/6/93	1530	JK	[illegible]	
7/08/93	1430	ZH	FOUND Q & ALL FOUR FLEDGES. WP NG30	

NEST LOG SHEET

NEST ID: WP 220

TREATMENT GROUP: I

MALE BAND #: 2101 06934 ?

DATE/STATUS WHEN FOUND:

COLORS (R) SOLID ALUM/GRN

COLORS (L) WHITE

DATE 1st EGG (indicate if backdated):

BLOOD SAMPLE # 1701

EGGS LAID (indicate if uncertain):

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 2101 [illegible]

EXPECTED HATCH DATE:

COLORS (R) ORG/GRN

HATCHED, DATE:

COLORS (L) [illegible]

FLEDGED/FAIL, #, DATE: 6/24/93

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): 9 STEPS PAST WP TAG 16 UPHILL 2 MAPLE

LOCATION (SPECIFIC): FLAG ON R & FLAG TIE ON R NEST

DATE	TIME	INIT	STATUS
			Found By Susan
6/09	[illegible]	[illegible]	[illegible]
6/10	1038	mtz	3 eggs No Adults.
	[illegible]	[illegible]	[illegible]
6/[illegible]			[illegible]
			[illegible]
			[illegible]
			[illegible]
			[illegible]
			[illegible]
			[illegible]
			[illegible]
			[illegible]
			[illegible]
6/19	1440	JHJ/KG	4 OFF NEST 5
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
6/24	1145	JHJ	NEST EMPTY, ADULTS CHIPPING Down Hill
	[illegible]	[illegible]	FAILED
	[illegible]	[illegible]	[illegible]

NEST LOG SHEET

NEST ID: WP 221

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: GRASS CLIPPED

COLORS (R)

COLORS (L)

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

BLOOD SAMPLE #

EGGS LAID (indicate if uncertain): 5

IMPLANT REMOVED (Y/N), DATE:

DATE INCUBATION ONSET (indicate if bd):

FEMALE BAND #: 940-93 7

EXPECTED HATCH DATE: 6/?

COLORS (R)

HATCHED, DATE:

COLORS (L)

FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 1585

TRAP

FEMALE STAYED/LEFT, DATE:

X

LOCATION (GENERAL): AT THE TAIL

LOCATION (SPECIFIC): FROM FENCE TO TREE FALL IN 1ST TRAIL

STRAIGHT IS ALWAYS ON Your Right. Low in [illegible]

DATE	TIME	INIT	STATUS
6/			GRASS CLIPPED
6/9			2 EGGS
6/10	0939	mlc	3 EGGS No adults in sight.
			[illegible]

NEST LOG SHEET

NEST ID: WF 231 S

MALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #:

COLORS (R)

COLORS (L)

BLOOD SAMPLE # 157

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND:

DATE 1st EGG (indicate if backdated):

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL):

LOCATION (SPECIFIC):

DATE	TIME	INIT	STATUS
			1 EGG (C).
6/23	1530		2 EGGS
6/24	900	ES	3 EGGS (TODAY)
6/30	1145	ES	3 eggs, dented & leaky
7/5	1300	ES	NEST EMPTY

FAILED

NEST LOG SHEET

NEST ID: [illegible]

MALE BAND #: 946-93254

COLORS (R) SOLID GRN

COLORS (L) RED

BLOOD SAMPLE # 1592

IMPLANT REMOVED (Y/N), DATE: _____

FEMALE BAND #: [illegible]

COLORS (R) [illegible]

COLORS (L) [illegible]

BLOOD SAMPLE # _____

FEMALE STAYED/LEFT, DATE: _____

TREATMENT GROUP: _____

DATE/STATUS WHEN FOUND: [illegible]

DATE 1st EGG (indicate if backdated): _____

EGGS LAID (indicate if uncertain): _____

DATE INCUBATION ONSET (indicate if bd): _____

EXPECTED HATCH DATE: _____

HATCHED, DATE: [illegible]

FLEDGED/FAIL, #, DATE: _____

LOCATION (GENERAL): _____

LOCATION (SPECIFIC): [illegible]

DATE	TIME	INIT	STATUS
[illegible]			[illegible]
7/23	1330	LL	Day 0 3 nestlings weighed & measured & Ranging around but did not chip
7/24	PM	ZG	SAW & CT BOTH IN NEST AT WP TAG 33.
7/[illegible]	1300	ES	DAY [illegible] 2 COLD AND NOT MOVING ALMOST DEAD (EYES CLOSED + VERY LITTLE MOVE) ALL DEAD BODIES HAD SEVERAL SMALL PUMP PALE MAGGOTS SEGMENTED WORMS UNDER WINGS AND ON BODIES I DID NOT FIND + BLEED THEM ONE PARENT CHIPPING IN [illegible] (N. + D.)

NEST LOG SHEET

NEST ID: WP222

MALE BAND #: (940-93763)?

COLORS (R): LAV BLK

COLORS (L): ORG ORG

BLOOD SAMPLE #

IMPLANT REMOVED (Y/N), DATE:

FEMALE BAND #:

COLORS (R):

COLORS (L):

BLOOD SAMPLE # #1935

FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP:

DATE/STATUS WHEN FOUND: COMPLETELY LINED 6/22/93

DATE 1st EGG (indicate if backdated): 6/24/93

EGGS LAID (indicate if uncertain):

DATE INCUBATION ONSET (indicate if bd):

EXPECTED HATCH DATE:

HATCHED, DATE:

FLEDGED/FAIL, #, DATE:

LOCATION (GENERAL): WP TAG 42

LOCATION (SPECIFIC): WALK DRAW (NOT FLAGGED) TO ONLY HUGE TREEFALL FLAG THERE & THE OVER NEST (NEST [illegible] ON LHS)

DATE	TIME	INIT	STATUS
6/22	AM	ZIG	FOUND COMPLETELY LINED NEST.
6/23	1600	ZIG	NO EGG YET.
6/24	1025	ZIG	ONE JUNCO EGG. (NO IDEA WHO THIS NEST BELONGS TO!)
[illegible]	1500	[illegible]	CT ♀ & BLED – ♂ AROUND SINGING BUT COULD NOT GET BAND.
7/4	[illegible]	SF	[illegible]
7/5	PM	ES	PLAYED TAPE AND SAW BLK.S (R) ORG.ORG (L) AND AN UNBANDED JUNCO.
7/9/93	1400	TK/ES	4 young – ♀ chipping – flushed off nest. She flushed down to right of nest – into hole under treefall.
7/11	1415	ZIG	ONLY ONE NESTLING LEFT. [illegible]
[illegible]	[illegible]	ZIG	[illegible]
7/15	1355	B/TK	BANDED & BLED ONE NESTLING – PARENTS CHIPPING!
[illegible]	[illegible]	[illegible]	[illegible]
7/20	0730	ES	FLEDGE – 1 FLEDGE, CT ♂, BLED FOR CBP, ♀ WAS IN AREA BUT WAS NOT CAPTURED LAV.BLK.S (R) 2 ORG (L)

NEST LOG SHEET

NEST ID: WP 223 | TREATMENT GROUP: _____

MALE BAND #: _____ | DATE/STATUS WHEN FOUND: 4 JUVE. EGGS

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 #: 2313320 | EXPECTED HATCH DATE: _____

COLORS (R) RED/METAL | # HATCHED, DATE: _____

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

BLOOD SAMPLE # 1495

FEMALE STAYED/LEFT, DATE: _____

LOCATION (GENERAL): WP MAG 23

LOCATION (SPECIFIC): 5 STEPS POSTMWD OF 2 WEST BANK, 10 m² MANGROVE ISLET IN LEIN

DATE	TIME	INIT	STATUS
6/12	[illegible]	[illegible]	FOUND NEST WITH 4 JUVE EGGS
6/12	1415	ZHG/KC	4 JUV EGGS, FEMALE ABSENT
6/22	[illegible]	ZHG	[illegible]
6/23	[illegible]	ZHG	5 OR PLAUSIBLY FEMALE AND 5 SM. SIZED [illegible] WITH MALE (@ WP 212R) ABOVE NEST. MOST OF THE TIME HE SAME ~10-15 m [illegible]
6/24	1642	ZHG	4 JUV. EGGS DID NOT HATCH
6/26	1130	CC	2 wet yng on nest + 2 eggs ♀ (bands seen) chicks HO sighted ♂
6/28	1000	CC	[illegible]
7/2	1515	ZHG	WATCHED TO ID ♂ & FEMALE. A SMALL SHRIMP, 5 MORPHOSPECIES

NEST LOG SHEET

NEST ID:_____ PAGE 2

DATE	TIME	INIT	STATUS	INIT
7/25	0800	LC	Found ♂, 3/4 fledglings - downhill Tag 20 ♂ Sang	

NEST LOG SHEET

NEST ID: WP 224 (WP 2254) TREATMENT GROUP: I

MALE BAND #: 940 93127 DATE/STATUS WHEN FOUND: [illegible]

COLORS (R) SOLID GRN/BRN

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

BLOOD SAMPLE # 1591, 1561 # EGGS LAID (indicate if uncertain):

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

FEMALE BAND #: 940 93657 EXPECTED HATCH DATE:

COLORS (R) LAV # HATCHED, DATE:

COLORS (L) SO DBL/WHITE ORG FLEDGED/FAIL, #, DATE: 7/15 [illegible]

BLOOD SAMPLE # 1595

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): WP TRAC, 1C - 8 STEPS PAST

LOCATION (SPECIFIC): FLAGGED ON RIGHT OF AGENT 2 IN BANK

DATE	TIME	INIT	STATUS
[illegible]	[illegible]	[illegible]	SAW SITTING ON NEST LOW IN BANK
7/5	1340	ES	♀ OFF, 3 YOUNG, PARENTS CHIPPING CLOSE BY
7/5	1445	ES	♀ OFF B+B 3 young, PARENTS CHIPPING
[illegible]	[illegible]	[illegible]	[illegible]

NEST LOG SHEET

NEST ID: WP 335 TREATMENT GROUP: C-C

MALE BAND #: 2131-14012 DATE/STATUS WHEN FOUND: 2

COLORS (R) Blue S DAY 11 INCUBATION

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

BLOOD SAMPLE # 1773 # EGGS LAID (indicate if uncertain):

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

FEMALE BAND #: 2131-~~14~~ 14758 EXPECTED HATCH DATE:

COLORS (R) 3 YR # HATCHED, DATE:

COLORS (L) Blue S FLEDGED/FAIL, #, DATE:

BLOOD SAMPLE # 2122

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): US 395 29+

LOCATION (SPECIFIC): SAGEBRUSH IN TREE FALL - 80 5288 S

DATE	TIME	INIT	STATUS
~~6/3~~ 7/1/22	2 1335	2 JG	FOUND NEST WITH 2 NESTLINGS MOUTH/ARMY ROCKS
	1000	JG/TK	SET UP NET & FLUSHED NEST CAUGHT BOTH ADULTS US FEMALE & ANOTHER US MALE (NEW BAND 2131-14852 BLOOD SAMPLE) TK BLOOD CSP & DNA. BLOOD SMEAR

NEST LOG SHEET

NEST ID: MJT family
MALE BAND #: 2101067[illegible]
COLORS (R) red
COLORS (L) Solaw/yel/blk
BLOOD SAMPLE # not Bled
IMPLANT REMOVED (Y/N), DATE:
FEMALE BAND #: 2101063[illegible]7
COLORS (R) yel
COLORS (L) Sol/yel/alu
BLOOD SAMPLE # not Bled
FEMALE STAYED/LEFT, DATE:

TREATMENT GROUP: C-C
DATE/STATUS WHEN FOUND: 6/26 - fledging day
DATE 1st EGG (indicate if backdated):
EGGS LAID (indicate if uncertain):
DATE INCUBATION ONSET (indicate if bd):
EXPECTED HATCH DATE:
HATCHED, DATE:
FLEDGED/FAIL, #, DATE: at least 3 yng 6/26

LOCATION (GENERAL): Middle Jungle Trail ~50 m south of WPR
LOCATION (SPECIFIC):

DATE	TIME	INIT	STATUS
6/26	1000	LC	♂ & ♀ chipped extensively - searched around & flushed 1 Day 0 fledgling (mass 16.5, tars 21.[illegible] of it & banded it. Flushed another yng, but could not catch. Heard at least one more - for a total of at least 3 yng in family

"NO KNOWN NEST" BIRDS

TREATMENT GROUP _____ STATUS _____

LOCATION _____

DATE FOUND _____ STATUS WHEN FOUND _____

FEMALE:
BAND # _____

COLORS _____ S. Alb/blk o/au 940938C2 1553

MALE:
BAND # _____

COLORS _____ 2U 01423 1535

DATE COMMENTS

found pair chipping; ♂ carrying food; couldn't find nest; possibly re-nest, but never got original parents bands, but in same area. Unsure about bands Need verification.

NEST LOG SHEET

NEST ID: WP- no # - inactive

TREATMENT GROUP:

MALE BAND #:

DATE/STATUS WHEN FOUND: 2 eggs 5/30/93

COLORS (R) -

COLORS (L) -

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

BLOOD SAMPLE #

EGGS LAID (indicate if uncertain): 2?

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: fail abandoned ≤ 5/

BLOOD SAMPLE #

FEMALE STAYED/LEFT, DATE:

LOCATION (GENERAL): JT 200 steps up from WP tag 19

LOCATION (SPECIFIC): actually 210 steps, then right (W) to largest treefall - see map on map flag by nest and along route - about 40 m from path or less.

DATE	TIME	INIT	STATUS
5/30/93	1705	RCT	2 cold eggs in treefall nest. Need to check 5/31 - id ad and sex if 3rd egg.
	...	RCT MHC	- still 2 cold eggs - collected.