

## 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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FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-10 TREATMENT GROUP (CC) DATE FOUND 5/21/92

LOCATION 2.4 mi from 613 on 714, left side as you approach

MALE ID BAND NO. NEVER ID'D OR CAUGHT COLORS UNBANDIED AGE     

FEMALE ID BAND NO. 2101-06994 COLORS red/white @ 11 b/c 50 yel @ AGE     

DATE OF FIRST EGG 5/14 or 5/15 (back dated) # OF EGGS      UNDEVELOPED EGGS? #? 1\*

HATCHING DATE 5/29/92 # OF HATCHLINGS 1 COWBIRD EGGS? #? 2

MEAN MASS AT HATCHING? 7.9 FEMALE MASS AT HATCHING?      MALE MASS AT HATCHING     

FATE OF NEST probably fledged\*\* DATE OF FLEDGING 6/8\*\* # OF FLEDGINGS 1\*\*

AGE OF FLEDGING Day 10\*\* # SURVIVING TO INDEPENDENCE      MEAN MASS DAY 3 (N)     

MEAN MASS DAY 6 (N)      MEAN MASS FLEDGING (N)     

INDEPENDENT YOUNG ID NO. 940-93624

FEMALE MASS AT FLEDGING      TIME      DATE FEMALE LAST SEEN     

MALE MASS AT FLEDGING      TIME      DATE MALE LAST SEEN     

FEMALE BLED (Y/N); DATE     

MALE BLED (Y/N); DATE      IMPLANT DATE      MASS AT IMPLANT     

IMPLANT OK (IN, OUT?)      IMPLANT REMOVED (Y/N) DATE     

FAT CLASS?     

Nestling Blood #  
1193

Nest found 5/21/92 with 3 junco & 2 cowbird eggs

COMMENTS:

- \* EK opened 1 punctured egg that did not hatch - no signs of development but dried for so long that it cannot be said whether there was an embryo
- \*\* SAR reported that at 1000 on 6/8 (Day 10) ♀ was still feeding nestling at 1400 on the same day SAR reported that the nest was empty. Either the young fledged or it was predated. You be the judge.

6/2/92 ♂ not Banded  
♀ not bled

JUNCO NEST LOG SHEET

NEST ID 714  
714-10 TREATMENT GROUP \_\_\_\_\_

FEMALE: DATE FOUND 5/21/92

BAND # \_\_\_\_\_ STATUS WHEN FOUND Incubating - 2nd day

COLORS 1: Brown, P/W/R

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

COLORS \_\_\_\_\_

LOCATION: 2.2 on Honda Civic  
2.2 on Honda Civic

# EGGS LAID 3 # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
5/21	1100	Find nest, 3 and 2 C eggs. Legs reaching trans - lucent, open 1 C egg - judge 3 days incubated. <u>Location</u> : Stop at flag on R side of rd. Advance 15 yds and look across rd at high bank. Small red-black flag in little <sup>striped</sup> maple is just above nest, which is about 5' up the bank. Feet very tight, dyt 1 C egg for the time being.

5/24/5 1030 - ♀ off, egg warm. Removed 2nd cowbird egg.

5/24/6 1130 - 2nd cowbird egg (?)

5/24/7 1000 - 1st cowbird egg

5/24/8 0905 - ♀ on 3 eggs

5/29 1000 - ♀ on 1 egg, 1 partly developed egg - other missing  
1806 - ditto

**Refrigerator** EK opened - 1 punctured egg that did not hatch - no sign of  
development but dried for so long cannot say whether there  
was an embryo

5/30 1000 - ♀ on 1 egg

714-10

## JUNCO NESTLOG SHEET. CONT.

DATE	TIME	STATUS
6/2	1000	Junco one hatched <del>chick</del> rather big. SAR
6/3	1100	Zig checked young, it is a huge baby junco. SAR.
6/5	1000	♀ on huge Nestling SAR
6/6	1100	banded and bled one Nestling. COOPS. This is day 9 <u>not</u> day 6, 5/29 saw ♀ on one <u>young</u> <u>not</u> one egg!
6/8	1000	♂ still feeding day 11(?) Nestling!
6/8	1400	No Nestling in nest, probably fledged. SAR ♂ singing ~ 10 minutes down the bank SAR
6/9	1000	- No sign of nestling / fledgling, NO ♀ but ♂ singing downhill ~ 30m. SAR.

FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-10 II TREATMENT GROUP (C) DATE FOUND 6/28/92

LOCATION 2.4 mi on 714, left bank very low ~10m from last nest

MALE ID BAND NO. 940-93538 COLORS dk blue (R) 2 red / 14 grey (L) AGE A, Y

FEMALE ID BAND NO. 2101-06994 COLORS red / white (R) 14 blue / yellow (L) AGE -

DATE OF FIRST EGG - # OF EGGS - UNDEVELOPED EGGS? #? -

HATCHING DATE - # OF HATCHLINGS - COWBIRD EGGS? #? -

MEAN MASS AT HATCHING? - FEMALE MASS AT HATCHING? - MALE MASS AT HATCHING -

FATE OF NEST FAILED 7/6/92 <sup>PROBABLY</sup> PREDATED DATE OF FLEDGING - # OF FLEDGLINGS -

AGE OF FLEDGING - # SURVIVING TO INDEPENDENCE - MEAN MASS DAY 3 (N) -

MEAN MASS DAY 6 (N) - MEAN MASS FLEDGING (N) -

INDEPENDENT YOUNG ID NO. -

FEMALE MASS AT FLEDGING - TIME - DATE FEMALE LAST SEEN -

MALE MASS AT FLEDGING - TIME - DATE MALE LAST SEEN -

FEMALE BLED (Y/N); DATE -

MALE BLED (Y/N); DATE 6/29 <sup>#</sup> 1214 IMPLANT DATE - MASS AT IMPLANT -

IMPLANT OK (IN, OUT?) - IMPLANT REMOVED (Y/N) DATE -

FAT CLASS? -

COMMENTS:

6/28 Nest found with 2 eggs & 1 half-embedded egg in nest EK  
 6/29 Half-embedded egg is gone EK  
 7/6 Nest failed - empty probably predated

JUNCO NEST LOG SHEET

NEST ID 914-12 II TREATMENT GROUP CC

FEMALE: DATE FOUND 6/28/92

BAND # 940-93538 STATUS WHEN FOUND nest

COLORS grey-brown, pink

MALE:

BAND # 940-93538

COLORS dk BOS-R, 2 R/10 G-L

LOCATION: 2.5 mi. N on rd, 2 miles away from Nest on 10 mi road

# EGGS LAID \_\_\_\_\_ #HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ #FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
6/28/92	1200	Found nest - 1 egg attached to V.
6/29/92	pm	still 1 egg, fresh. The hen embedded egg in grass. Catch a ♂ (UB) with brown - 15 yds from nest - <u>band, bleed</u>
6/30/92	1405	♀ on. At 1900 - 2 eggs.
7/1/92	0930	♀ on. 2 eggs. The 1st egg is fresh. The 2nd is 1 day old. Both are removed.
7/2	1115	♀ on - 2 eggs.
7/3	1115	♀ on - 2 eggs.
7/4	1115	♀ on - 2 eggs.
7/5	1115	♀ on - 2 eggs.
7/6	1115	♀ on - 2 eggs.
7/7	1115	♀ on - 2 eggs.
7/8	1115	♀ on - 2 eggs.
7/9	1115	♀ on - 2 eggs.
7/10	1115	♀ on - 2 eggs.
7/11	1115	♀ on - 2 eggs.
7/12	1115	♀ on - 2 eggs.

FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-11 TREATMENT GROUP (CC) DATE FOUND 5/28/92

LOCATION 2.6 mi on 714, left bank, 8-10" up

MALE ID BAND NO. 940-93520 COLORS dk bl/5(R) 1+gn/red(L) AGE ?

FEMALE ID BAND NO. 2101-06457 COLORS red/dk bl(R) 5+it bl/bk(L) AGE ?

DATE OF FIRST EGG est. 5/8 or 5/9 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? —

HATCHING DATE est 5/23 # OF HATCHLINGS — COWBIRD EGGS? #? —

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST probably fledged\* DATE OF FLEDGING — # OF FLEDGINGS —

AGE OF FLEDGING Day 10 or 11\* # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) 15.4 MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. —

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 5/30 #1071

MALE BLED (Y/N); DATE 5/30 #1066 IMPLANT DATE — MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

COMMENTS:  
5/28/92 Nest found with 3 nestlings estimated to be day 8 by EK

\* 5/30 Nestlings were in nest, banded & bled and thought to be day 7 or day 8 EK

6/3 No nestlings in nest, lots of chipping below nest as reported by SAR. Nestlings would have been day 10 or day 11. It is possible that they had already fledged (probably)

JUNCO NEST LOG SHEET

NEST ID 714-11 TREATMENT GROUP \_\_\_\_\_

FEMALE: DATE FOUND 5/28/97

BAND # 2101-06457 STATUS WHEN FOUND casysg, age ca 5 days we think

COLORS R/dk blue-R, SOLID/BLK ⊕

MALE: BAND # 940-93520

COLORS ~~same as~~ dk blue OS ⊕ Lt gm/Red ⊕

LOCATION: 2.5 mi from 613 on 714. L bank, 8-10" up - 24" L of 2'x1' rock on grass  
2.4 on HOWA  
face bank

# EGGS LAID ? # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
5/28	1600	♀ off nest - little brooding despite cold & rain. Large fecal sacs - both ads feed large insects but not often
5/30	1100	at ♂ + ♀ with lure - saw cov go to roost, so paternity check OK, E+B 3 7 or 8 days old, estimated day 7, bled both adults, banded the ♂
6/3	~1000	No nestlings in nest, lots of chipping from below nest. SAK

1077  
1066



9/9 u

FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-11 II TREATMENT GROUP (CC) DATE FOUND 6/20/92

LOCATION 2.6 mi in from 613, 15 yds from nest #1

MALE ID BAND NO. 940-93520 COLORS dk/blk/5 (R) 1+ grn/red (D) AGE ?

FEMALE ID BAND NO. 2101-06457 COLORS red/dk/blk (R) 5+ HBL/BLK (D) AGE ?

DATE OF FIRST EGG est. 6/10 or 6/9 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? 0

HATCHING DATE 6/24 # OF HATCHLINGS 4 COWBIRD EGGS? #? 1

MEAN MASS AT HATCHING? 2.4 (N=3) FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FLEDGED BY US DATE OF FLEDGING 7/4 # OF FLEDGLINGS 4

AGE OF FLEDGING Day 10 # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) 7.03 (N=4)

MEAN MASS DAY 6 (N) 14.15 (N=4) MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. 94093541 94093542 94093543 94093544

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 5/30 # 1071

MALE BLED (Y/N); DATE 5/30 # 1066 IMPLANT DATE — MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

Nestling Blood Samples  
6/30  
# 1224  
1225  
1226  
1227

COMMENTS:

\* 1 nestling was not weighed until Day 1 and therefore was not included. weight = 3.0g u

6/20 Nest found with 4 eggs + 1 CB egg

all used

JUNCO NEST LOG SHEET

NEST ID 714-11 I TREATMENT GROUP ---

FEMALE: DATE FOUND 6/20

BAND # 21-1111 STATUS WHEN FOUND 4 eggs + 1 chick

COLORS ---

MALE: Not possible if chick that the birds nest succeeded. 2 birds

BAND # 71-1111

COLORS ALBOS = R, I+G/R = L

LOCATION: 2.6 N. 1st St. SE. 500 ft. I

# EGGS LAID \_\_\_\_\_ # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
6/20/92	1155	1st nest, 4-1. 3/4 egg. <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">chick</span> <span style="font-size: small;">labor - more likely 5 days</span>
6/21/92	1045	♀ off 2 eggs. Nest is 20m N of treatment.
6/22/92	0950, 1400	♀ off 4 warm eggs, 1 on egg 1400
6/24/92	1030	♀ on 3 eggs, 1250 <span style="font-size: small;">{ see nestling weights</span>
6/25/92	0930	♀ on 4 eggs.
6/26/92	1055	4 eggs
6/27	1145	<del>hatched &amp; fledged. No activity.</del> <span style="font-size: small;">♀ weight 8.1g.</span>
6/28	1445	♀ off 4 eggs
6/29	1600	♀ off 4 eggs
6/30	1345	♀ off. Band & bled egg. See both a dead 1s - 07c bands but don't see feeding
7/1		1st & 2nd nest. 1st nest. 1st nest. 1st nest.
7/2		1st & 2nd nest. 1st nest. 1st nest.
7/3		1st & 2nd nest. 1st nest. 1st nest.

FITNESS CORRELATES SUMMARY SHEET

9/9  
LL

NEST ID 714-12 TREATMENT GROUP (CC) DATE FOUND 5/28/92

LOCATION 1.35m. (1.2 on Honda) from 613 on R as you go in. Low (8") and hard to see

MALE ID BAND NO. 2101 06116 COLORS S(R) 2 whites (L) AGE A, 0

FEMALE ID BAND NO. 940 93619 COLORS H grn o blk(R) Yel o S(L) AGE A, 0

DATE OF FIRST EGG ~5/11/92 (backdated) or 5/10 # OF EGGS — UNDEVELOPED EGGS? ?? probably 1 \*

HATCHING DATE 5/25/92 (backdated) # OF HATCHLINGS 3 COWBIRD EGGS? ?? NONE

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FAILED 6/3 probably predated DATE OF FLEDGING — # OF FLEDGINGS —

AGE OF FLEDGING — # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) — MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. —

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 6/3/92 # 1084

MALE BLED (Y/N); DATE 5/30/92 # 1069 IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

Nestling BLOOD SAMPLES  
# 1065  
# 1067  
# 1068

COMMENTS: 5/28 Nest found w/ 3 nestling approx day 5  
6/3 FAILED, Nest torn out - predated

\* EK indicates that the egg was undeveloped but fertile  
Unfortunately <sup>the</sup> egg broke while transported to the lab

**SUNCO NEST LOG SHEET**

♀ needs to be banded + 6/3/91

all bled

NEST ID 714-12 TREATMENT GROUP CC

FEMALE: DATE FOUND 5/28

BAND # 940-931619 STATUS WHEN FOUND 4 ygs, day (?) 5.

COLORS ~~BLK~~ Yel OS LTGRN BLK (R)

MALE:

BAND # 2101-06116

COLORS S-R 2 WHITES-L

LOCATION: 1.35 from 613 on R as you go in. low (S) and extremely hard to see

# EGGS LAID \_\_\_\_\_ # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED (FAIL) DATE 6/3/92 early a.m.

MALE BLED (Y/N), DATE 5/30 IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
5/28	1730	♀ on 4 ygs on day 5. ♂ new nest w/ food. Weight 1 ygs = 10.8 mt. Tarsus 14.8.
5/30	1030	estimate of 3 ygs on day 5, banded & bled, bled ♂, ♀ still UR needs to be caught, ♂ to go to nest so paternity OK, there was one egg in nest, undeveloped as best we could tell (fertility) but broke before we got it back to the lab. Both parents feeding young SAR, set net to catch parents.
6/2/92		Arrived 0900 to Banded & Bled ♀ but found nest failed, Nest in Road
6/3/92		No young in sight, no fledgling noises. However parents (♀ + ♂) did gather food and go to nest one in 30 minutes, ♂ ♀ in Net by Nest using fledgling Screen Tape. <u>SAR</u> ♀ So ♀ Bled + Banded. Hormone sample 92-30

1084  
1992  
6/2/1992  
#1069

FITNESS CORRELATES SUMMARY SHEET

9/9  
u

NEST ID 714-12R TREATMENT GROUP (CC) DATE FOUND 6/21/92

LOCATION 1.4 mi from 613, right side of road, low

MALE ID BAND NO. 210106116 COLORS S (S) 2 whites (L) AGE A, 0

FEMALE ID BAND NO. 94093619 COLORS 1t green/black (S) yellow (S) AGE A, 0

DATE OF FIRST EGG — # OF EGGS — UNDEVELOPED EGGS? #? —

HATCHING DATE — # OF HATCHLINGS — COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FAILED 6/23 probably predated DATE OF FLEDGING — # OF FLEDGINGS —

AGE OF FLEDGING — # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) — MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. —

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 6/3/92 #1084

MALE BLED (Y/N); DATE 5/30/92 #1069 IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

COMMENTS:

6/21 Nest found with 4 eggs  
6/23 FAILED Nest empty - undamaged

JUNCO NEST LOG SHEET

NEST ID 714-261 TREATMENT GROUP 6.0

FEMALE: 940-23, 219 DATE FOUND 6/22/92

BAND # 5000 STATUS WHEN FOUND 1 egg

COLORS Yellow, 1st egg

MALE: 2101-06116

BAND # None

COLORS None

LOCATION: 1st nest in nest box, 1st nest box in nest box

# EGGS LAID 4 # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE 6/3/92 IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT 6/22/92

DATE	TIME	STATUS
6/22/92	1530	♀ flushed 7:00 nest containing 1 egg.
6/22/92	1050	♀ on 1 egg. Nest is 55 in N of previous nest.
6/23/92	1100	Nest empty, undamaged.

FITNESS CORRELATES SUMMARY SHEET

3/1  
22

NEST ID 714-12 R2 TREATMENT GROUP (CC) DATE FOUND 7/8/92

LOCATION 1.35 miles from 613 right bank low

MALE ID BAND NO. NOT SEEN COLORS \_\_\_\_\_ AGE \_\_\_\_\_

FEMALE ID BAND NO. NOT SEEN COLORS \_\_\_\_\_ AGE \_\_\_\_\_

DATE OF FIRST EGG — # OF EGGS 1\* UNDEVELOPED EGGS? #? —

HATCHING DATE — # OF HATCHLINGS — COWBIRD EGGS? #? —

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST ABANDONED 7/9 DATE OF FLEDGING — # OF FLEDGINGS —

AGE OF FLEDGING — # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) — MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. —

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE —

MALE BLED (Y/N); DATE — IMPLANT DATE — MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

COMMENTS:

\* Nest found on 7/8 with 1 egg RCT  
 On 7/9 there was still 1 egg. Presumed abandoned by RCT  
 Never checked again

JUNCO NEST LOG SHEET

NEST ID 714-12 R2 TREATMENT GROUP CC

FEMALE: DATE FOUND 7/8/92

BAND # \_\_\_\_\_ STATUS WHEN FOUND 1 egg

COLORS \_\_\_\_\_

MALE: 1 egg - V - see

BAND # \_\_\_\_\_

COLORS \_\_\_\_\_

LOCATION: 1.35 miles from 613, Right bank low ~ m past last nest. Can see <sup>green</sup> gate easily to N.

# EGGS LAID \_\_\_\_\_ #HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ #FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
7/8	1740	1 egg in nest ♂ singing to E ~ 40m. No ♀ seen RCT
7/9	1700	1 egg still. presume abandoned but will check again RCT



FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-13 TREATMENT GROUP (CC) DATE FOUND 6/2/92

LOCATION 714 ~ 1.4 miles from 613, on right bank, quite low, a few meters after water faucet

MALE ID BAND NO. UNKNOWN COLORS - AGE -

FEMALE ID BAND NO. 94093618 COLORS yel o/s (R) blk o/red (L) AGE A, uncertain

DATE OF FIRST EGG UNKNOWN # OF EGGS 5 UNDEVELOPED EGGS? #? ?

HATCHING DATE DID NOT HATCH # OF HATCHLINGS - COWBIRD EGGS? #? NONE

MEAN MASS AT HATCHING? - FEMALE MASS AT HATCHING? - MALE MASS AT HATCHING -

FATE OF NEST FAILED - PREDATED DATE OF FLEDGING - # OF FLEDGINGS -

AGE OF FLEDGING - # SURVIVING TO INDEPENDENCE - MEAN MASS DAY 3 (N) -

MEAN MASS DAY 6 (N) - MEAN MASS FLEDGING (N) -

INDEPENDENT YOUNG ID NO. -

FEMALE MASS AT FLEDGING - TIME - DATE FEMALE LAST SEEN -

MALE MASS AT FLEDGING - TIME - DATE MALE LAST SEEN -

FEMALE BLED (Y/N); DATE 6/3/92

MALE BLED (Y/N); DATE - IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT -

IMPLANT OK (IN, OUT?) - IMPLANT REMOVED (Y/N) DATE -

FAT CLASS? -

COMMENTS:

6/2 Nest found with 5 eggs

JUNCO NEST LOG SHEET

(CC)

NEST ID 714-13 TREATMENT GROUP \_\_\_\_\_

FEMALE: DATE FOUND 6/2/92

BAND # 940  
93619 STATUS WHEN FOUND 5 J eggs - undeveloped

COLORS Yel OS - (A) BLK ORed (B)

MALE: BAND # ?

COLORS ?

LOCATION: 714 ~ 1.4 miles from 613; on Right bank, quite low. [ Few meters after water faucet ]

# EGGS LAID 5 # HATCHED, DATE DID NOT HATCH.

DATE INCUBATION ONSET UNKNOWN # FLEDGED/FAIL, DATE Fail 6/5/92

MALE BLED (Y/N), DATE - IMPLANT REMOVED (Y/N), DATE NOT IMPLANTED

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
6-2-92	~1100	♀ Flushed off 5 warm J eggs. No Parents remained in immediate area to I.D. saw ch + Bled + Banded Hec. SAR/21G
6-3-92	~1100	
6/5/92	1000	Nest empty, but 2 birds chipping at me, nest must have failed recently!

10301

X  
X

FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-13R TREATMENT GROUP (CC) DATE FOUND 7/2/92

LOCATION 1.65 m on 714, very low on right bank

MALE ID BAND NO. 940 93545 COLORS dk bl = S (S) red = org (L) AGE A, 0

FEMALE ID BAND NO. 940 93618 COLORS dk bl = red (R) yel = S (L) AGE ?

DATE OF FIRST EGG est. 6/19 or 6/20 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? 1

HATCHING DATE 7/4/92 # OF HATCHLINGS 2 COWBIRD EGGS? #? 1

MEAN MASS AT HATCHING? 3.05 (N=2) FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST PROBABLY FLEDGED\* DATE OF FLEDGING — # OF FLEDGINGS —

AGE OF FLEDGING — # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) 8.5 (N=2)

MEAN MASS <sup>DAY 5</sup> DAY 8 (N) 13.35 (N=2) MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. 940 93933 940 93932

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 6/03 #1085

MALE BLED (Y/N); DATE 7/02 #1230 IMPLANT DATE <sup>NOT</sup> IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

Nestling BLOOD SAMPLES  
#1286  
#1287

COMMENTS:

7/2 Nest found with 3 junco eggs + 1 CB egg

\* Day 5 2 nestlings in nest

Day 11 nest empty, but 1 fledgling <sup>(NOT ID'0)</sup> heard behind nest <sup>MHC & MW</sup>

JUNCO NEST LOG SHEET

NEST ID 71-7-13R1 TREATMENT GROUP \_\_\_\_\_

FEMALE: \_\_\_\_\_ DATE FOUND \_\_\_\_\_

BAND # 9001 STATUS WHEN FOUND \_\_\_\_\_

COLORS White, black, yellow \_\_\_\_\_

MALE: \_\_\_\_\_

BAND # 9002 \_\_\_\_\_

COLORS White, black, yellow \_\_\_\_\_

LOCATION: 100 ft up tree trunk \_\_\_\_\_

# EGGS LAID \_\_\_\_\_ #HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ #FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
7/5/00	1420	Found 2 eggs at 1. See above. At 1400 > arrived at address by car. Found 2 eggs. 1st egg broken. 2nd egg intact. Both eggs bled.
7/6/00		1 egg hatched. 1st egg hatched. 2nd egg hatched. Both eggs bled.
7/7/00		2 eggs - bled. 1st egg bled. 2nd egg bled. weighed & polished Day 3 cc
7/9/00		banded & bled 2 young Day 5 cc
<del>7/10/00</del>		
7/15/00	0903-0954	GRASS MOWERS PASSED BY EARLY THIS MORNING. -- WHEN WE ARRIVED TO FLEDGE NESTLINGS, NEST EMPTY, BUT PARENTS CHIPPY. SEARCHED FOR LITTLE GUYS, BUT FOUND NONE. COULD HEAR AT LEAST ONE BEHIND NEST SITE IN CONIFERS.

A ANT USE FOR FLOODSIDE - CANT FEED

FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-14 TREATMENT GROUP CC DATE FOUND 6/2/92

LOCATION 1.6 miles on 714 (after 613)

MALE ID BAND NO. 2101-06906 COLORS Screed + yel (B) red/dk yel (D) AGE ?

FEMALE ID BAND NO. 2101-06053 COLORS 2 + bl / blk (R) yel (S) AGE ?

DATE OF FIRST EGG est. 5/12 or 5/13 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? —

HATCHING DATE est. 5/27 (backdated) # OF HATCHLINGS 4 COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FLEDGED NATURALLY\* DATE OF FLEDGING — # OF FLEDGINGS —

AGE OF FLEDGING — # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) — MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. 94093620 94093621 94093622 94093623

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE \*\*

MALE BLED (Y/N); DATE 6/3/92 #1090 IMPLANT DATE not implanted MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

- Nestling BLOOD SAMPLES
- #1086
  - #1087
  - #1088
  - #1089

COMMENTS:

6/2 nest found with 4 young in nest

\* 6/5 (~Day 9) young still in nest SAR

6/7 (~Day 11) young not in nest SAR

6/9 → seen feeding a fledgling (no: 10'D)

\*\* bled in 1991 #563 SAR says sample is well-preserved

JUNCO NEST LOG SHEET

NEST ID 714-14 TREATMENT GROUP CC

FEMALE: DATE FOUND 6/2/92

BAND # 2101-06053 STATUS WHEN FOUND 4 day 7-8 young

COLORS 2 Lt bly/Blk (R) Yel OS (L)

MALE: BAND # 2101-06906

COLORS S O Red O Yel -R Red/dk grn (L)

LOCATION: 1.6 miles on 714 (after 613) See reverse sheet for details

# EGGS LAID ? # HATCHED, DATE ?

DATE INCUBATION ONSET ? # FLEDGED/FAIL, DATE 6/6 or 6/7

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
6-2-92	~1100	4 young in nest, look like ~ day 6 not sure. will attempt to catch parents to band / bleed SAR
6-3-92	~1100	♂ Bled for EBP = 37 ul sample 92-29. 4 young Bled and banded. Tarsi and weight show ~ fully grown but wings are ~ 35% ∴ Not day 10 yet. Could not catch ♀ though tried for 2 hrs. SAR/219
6/5/92	1000	Young still in nest.
6/7/92	0900	Young not in nest. SAR
6/8/92	?	Chirping from woods W of nest. SAR
6/9/92	1100	♂ Feeding a fledgling, No bands seen SAR.

7/9 looked for ~~me~~ re-nest. No birds seen RCT

1991 - 563 well preserved 2890

FITNESS CORRELATES SUMMARY SHEET

9/10  
4

NEST ID 714-15 TREATMENT GROUP (C) DATE FOUND 6/5/92

LOCATION 0.6 miles from 613 on 714, on right side of rd

MALE ID BAND NO. 200094511 COLORS red/Sc, white (R) 2 yel (C) AGE ? (A,0)

FEMALE ID BAND NO. 200094053 COLOR: ~~red~~ yellow + blue/orig (R) white/red (S) AGE ? (A,0)

DATE OF FIRST EGG est 5/14 or 5/15 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? 0

HATCHING DATE est 5/29 (backdated) # OF HATCHLINGS — COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST unknown DATE OF FLEDGING — # OF FLEDGINGS —

AGE OF FLEDGING — # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) — MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. 94093625 94093626 94093627

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 6/8 #1120

MALE BLED (Y/N); DATE 6/8 #1119 IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

Nestling BLOOD SAMPLES  
#1104  
#1105  
#1106

COMMENTS:

6/5 Nest found with 3 ~day 7 young SAR

FATE OF YOUNG UNKNOWN AFTER 6/6/92

JUNCO NEST LOG SHEET

NEST ID 714-15 TREATMENT GROUP CC

FEMALE: DATE FOUND 6/5/92

BAND # 2000-94053 STATUS WHEN FOUND 3 day ~ 6 young

COLORS wh/Red OS (L) Yel O Lt blu O org (R)

MALE:

BAND # 200094511

COLORS Red OS O wh (R) 2 Yel (L)

LOCATION: After 2nd bait flag; on right side of Rd, ~ 0.6 miles from 613 on 714?

# EGGS LAID \_\_\_\_\_ # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE 6/8/92 IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
6-2-92	1300	Nest Start on Right Side of Rd, low, saw ♀ flush off bank. No chipping, NO adults remained in area
6-3-92	~ 1300	Saw pair in immediate area, did not identify <del>same</del>

I was looking at an old start. Real Nest is 2M North of the Start.

6/5/92	1600	Found Real Nest w/ 3 young ~ day 6. Parents feeding, positive ID's on both <del>SAR</del>
6/6/92	1000	Banded and bled three ~ day 8 young <del>SAR</del>
6/8/92	1100	Bled both adults, at ♂ for hormone analysis

DVA 1119 1092 1992



FITNESS CORRELATES SUMMARY SHEET

9/10  
26

NEST ID 714-15 R or II \* TREATMENT GROUP (CC) DATE FOUND 7/2/92

LOCATION .62-.63 miles from 613, right bank, ~1.8' up on bank

MALE ID BAND NO. 2000-94511 COLORS red/so white (R) 2 yel (L) AGE ? (A, O)<sup>u</sup>

FEMALE ID BAND NO. 2000-94053 COLORS yellow/ble orange (R) white/red (S) AGE ? (A, O)<sup>u</sup>

DATE OF FIRST EGG <sup>est</sup> 6/30 (backdated) # OF EGGS 4 UNDEVELOPED EGGS? #? 0

HATCHING DATE 7/17 # OF HATCHLINGS 4 COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? 2.4<sup>(N=3)</sup> FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FLEDGED BY US DATE OF FLEDGING 7/25 # OF FLEDGINGS 4

AGE OF FLEDGING Day 11 # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) 7.48<sup>(N=4)</sup> <sup>3 Day 3</sup> <sup>1 Day 2</sup>

MEAN MASS DAY 6 (N) 14.83<sup>(4)</sup> <sup>3 Day 6</sup> <sup>1 Day 5</sup> MEAN MASS FLEDGING (N) 19.2<sup>(4)</sup> <sup>3 Day 11</sup> <sup>1 Day 10</sup>

INDEPENDENT YOUNG ID NO. 94093572 94093573 94093574 94093575

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 6/8 # 1120

MALE BLED (Y/N); DATE 6/8 # 1119 IMPLANT DATE <sup>NOT</sup> IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

Nestling BLOOD SAMPLES  
# 1320  
# 1321  
# 1322  
# 1323

COMMENTS:

7/2 nest found with 3 eggs  
4<sup>th</sup> ~~to~~ egg on 7/3

\* FATE OF 714-15 (previous nest) unknown

JUNCO NEST LOG SHEET

NEST ID 714-1515-11 TREATMENT GROUP \_\_\_\_\_

FEMALE: DATE FOUND 7/2/92

BAND # 2500-94053 STATUS WHEN FOUND 2 eggs, no 3rd day

COLORS \_\_\_\_\_

MALE:  
BAND # 2000-94511  
COLORS Red OJ white-R 2 white/lt grey-L (2 eggs 7/19)

LOCATION: .62-123 up 714 from 612, R vent, 1.5' up

# EGGS LAID \_\_\_\_\_ # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
7/2	1445-1730, 1905	Free nest 1st day. ♀ fed and sang, 1st day. At ca 1500 started to lay eggs. 2 eggs by 1730, 1 egg by 1905. All 3 eggs 1st day. 1st day the 1st egg hatched. 2nd day the 2nd egg hatched. 3rd day the 3rd egg hatched.
7/2	1042	5 in
7/2	1215	2 in 4 eggs
7/7	0955	5 in 11 eggs
7/8	1425	4 eggs. ♂ chipping R&T
7/9	1550	4 eggs no adults LC
7/10	1750	4 eggs ♀ on LC
7/11	1050	4 eggs ♀ on LC
7/12	1315	♀ flushed off 4 eggs LC
7/13	1710	♀ flushed off 4 eggs LC
7/14	1430	Day 0! 3 hatched LC
7/15	1430	1st day
7/15	1430	1st day

714-1805-1

JUNCO NEST LOG SHEET (CON'T)

DATE	STATUS
7/18	Egg in nest. See old (gas) nest egg in nest.
7/19	Same. Bled all eggs.
7/20	Band 4 hams.
7/21	Prob. 4 egg in nest.
7/23	Add chest chipmunk from nest.
7/25	Take egg & process; bleed ♀, ♂; balance of nest OK.

FITNESS CORRELATES SUMMARY SHEET

9/10  
LC

NEST ID 714-16 TREATMENT GROUP (CC) DATE FOUND 6/12

LOCATION ~2.2 miles on 714, on East side of road, low in bank

MALE ID BAND NO. UNKNOWN COLORS \_\_\_\_\_ AGE \_\_\_\_\_

FEMALE ID BAND NO. UNKNOWN COLORS \_\_\_\_\_ AGE \_\_\_\_\_

DATE OF FIRST EGG 6/14/92 # OF EGGS 3 UNDEVELOPED EGGS? #? —

HATCHING DATE — # OF HATCHLINGS — COWBIRD EGGS? #? 2

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FAILED PROBABLY PRED. DATE OF FLEDGING — # OF FLEDGINGS —

AGE OF FLEDGING — # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) — MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. —

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE —

MALE BLED (Y/N); DATE — IMPLANT DATE — MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

COMMENTS:

6/18 FAILED NEST EMPTY

VN REMOVED SEVERAL EGGS TO PROTECT FROM CB FORTIFICATION

See nest log

JUNCO NEST LOG SHEET

NEST ID 714-16 TREATMENT GROUP \_\_\_\_\_

FEMALE: DATE FOUND 6/12

BAND # \_\_\_\_\_ STATUS WHEN FOUND grass + some hair

COLORS \_\_\_\_\_

MALE: \_\_\_\_\_

BAND # \_\_\_\_\_

COLORS \_\_\_\_\_

LOCATION: on E side of Rd 2.0 miles Honda ~ 2.2 miles Subaru, low in bank

# EGGS LAID \_\_\_\_\_ #HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ #FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
6/12		partially lined nest low in bank, in same location as previously pulled out nest. SAR
6/13		hair-lined nest, no adults V.N.
6/14		VN reports one egg. SAR.
6/16	1010	egg present, all color of egg, but not visible - not visible, egg is not visible. will return to the nest.
6/17	1120	2 eggs - about size of 1 in 1 in
6/18	1010	nest empty

9/10  
LC

FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-17 TREATMENT GROUP (CC) DATE FOUND 6/7/92

LOCATION 4 mi. from 61E. right side of road beside bank

MALE ID BAND NO. 94093527 COLORS dk bl/s (R) 2 dk bl/red (D) AGE A, Y

FEMALE ID BAND NO. 202109553 COLORS lt grn/brn (R) 50 red/blk (D) AGE A, O

DATE OF FIRST EGG 6/2 or 6/3 # OF EGGS — UNDEVELOPED EGGS? #? 1

HATCHING DATE 6/17 # OF HATCHLINGS 3 COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? \* 2.3 (N=1) FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FLEDGED NATURALLY DATE OF FLEDGING 6/25-6/29 # OF FLEDGINGS 3

AGE OF FLEDGING Day 11-12 # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) 6.3 (N=3) <sup>2 day 3</sup> <sub>1 day 1</sub>

MEAN MASS DAY 6 (N) 13.23 (N=3) <sup>2 day 6</sup> <sub>1 day 5</sub> MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. 94093535 94093536 94093537

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 6/19 # 1146

MALE BLED (Y/N); DATE 6/19 # 1145 IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

Nestling BLOOD SAMPLES  
# 1188  
# 1189  
# 1190

COMMENTS:

6/17 Nest found with 2 nestlings. 2 eggs - hatching in progress  
\* other 2 nestlings weighed on Day 1

JUNCO NEST LOG SHEET

NEST ID 44-17 TREATMENT GROUP 2-2

FEMALE: DATE FOUND 6/17

BAND # 2021-03053 STATUS WHEN FOUND 2

COLORS LG/Br - R, 50% Red - L

MALE: Lt gm/Brn - R, 50 Redo Blk - L

BAND # 940-93527

COLORS NK ROS - R, 2dk Br - L, 2dk blu/Red - L

LOCATION: 4th St, ...

# EGGS LAID 3 # HATCHED, DATE 6/20

DATE INCUBATION ONSET 6/19 # FLEDGED/FAIL, DATE 6/29

MALE BLED (Y/N), DATE 6/19 IMPLANT REMOVED (Y/N), DATE 6/19

FEMALE STAYED/LEFT 1 infertile egg

DATE	TIME	STATUS
6/17/92	172	...
6/18/92	131	...
6/19/92	1000, 1305	Take some photos, analyze blood, 3 eggs.
6/20/92	AM	opened egg brought back by val - looked infertile from the outside, no sign of any development under scope. <del>to</del> egg relative to bias of our ability to detect etc
6/20/92	1400	weigh B mother's - day 3
6/21/92	1015	Adult flies up from nest.
6/22/92	all km filled 16ch	...
6/23/92	1000, 1100	♀ on at 1000, 1100 1220 - MC + 2 blood ...
6/24/92	1025	Adult ...
6/25/92	1000	egg in nest.
6/26/92	1115	egg in nest ...
6/28/92	1025	... - saw all 3 young
6/29/92	0945	nest empty presumed fledged. Val will return with fledging screens to confirm. Played ...

FITNESS CORRELATES SUMMARY SHEET

9/10  
4

NEST ID 714-18 TREATMENT GROUP (CC) DATE FOUND 6/20/92

LOCATION 714 ca 50 m beyond overhead sign as you go N from 613, rt. side of rd

MALE ID BAND NO. 94093540 COLORS dk br @ dk green @ AGE A, Y

FEMALE ID BAND NO. 94093539 COLORS 2 org / blk @ 5 dk br @ AGE A, Y

DATE OF FIRST EGG est. 6/15 or 6/16 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? 0

HATCHING DATE 6/30 # OF HATCHLINGS 4 COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? 2.33 (N=4) FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FLEDGED BY US DATE OF FLEDGING 7/11 # OF FLEDGINGS 4

AGE OF FLEDGING Day 11 # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) 9.47 (N=4) <sup>3 day 3</sup> <sub>1 day 2</sub>

MEAN MASS DAY 6 (N) 13.25 (N=4) <sup>3 days 6</sup> MEAN MASS FLEDGING (N) 18.8 (N=4) <sup>3 day 11</sup> <sub>1 day 10</sub>

INDEPENDENT YOUNG ID NO. 94093551 94093552 94093553 94093554

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 7/05 # 1260

MALE BLED (Y/N); DATE 6/29 # 1218 IMPLANT DATE DOT IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

Nestling BLOOD SAMPLES  
#1261  
#1262  
#1263  
#1268 } same nestling  
#1269

COMMENTS:

6/20 Nest found with 4 eggs



JUNCO NEST LOG SHEET

NEST ID 714-58 TREATMENT GROUP CC

FEMALE: DATE FOUND 6/20/92

BAND # 940-93539 STATUS WHEN FOUND 4 eggs, prob day 4, 5

COLORS 2 Or/Bk - R, 50dk R - L

MALE: BAND # 940-93540

COLORS dk Bk - R, dk GR - R/L

LOCATION: 714. ca 50m beyond overhead sign as you go N from 613 - R side of rd, down

# EGGS LAID 4 (P) # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
6/20/92	1500	♀ on 4 eggs. Besides the 2 UB parents, a ♂ with 2 W/1G-L, saw 05 Or/Bk-R glimpsed.
6/22/92	1100	♀ on 4 eggs
6/23/92	0945	♀ on 4 eggs
6/24/92	1040	♀ on 4 eggs
6/25/92	0945	♀ on 4 eggs
6/26/92	1045	♀ on 4 eggs
6/27/92	1100	♀ on 4 eggs
6/28/92	1100	♀ on 4 eggs
6/29/92	1100	♀ on 4 eggs
6/30/92	1410	♀ on 3 eggs, 1 egg
7/1/92	1900	♀ on 3 eggs, 1 egg
7/2/92	0945	♀ on 3 eggs, 1 egg
7/3/92	1100	♀ on 3 eggs, 1 egg

at 1700.

at 1700, on 4 eggs - 1700

714-12

F2

## JUNCO NESTLOG SHEET. CONT.

<u>DATE</u>	<u>TIME</u>	<u>STATUS</u>
7/5/92	4520	2 young in nest
7/7/92	1420	3 birds in nest
7/9/92	1630 4800	at least 2 young in nest i.e. adults chipping in rhododendrons above nest
7/11	1050	Fledging Day - 4 young weighed & measured, did not catch adults i.e.

FITNESS CORRELATES SUMMARY SHEET

0/10  
4

NEST ID 714-19 TREATMENT GROUP (CC) DATE FOUND 6/21

LOCATION 1.3 mi in from 613 on 714 very low in bank on rt. side

MALE ID BAND NO. UNKNOWN COLORS ? lt grn / brn (D) LavoS (R) (rt. feet certain) AGE

FEMALE ID BAND NO. 940 93530 COLORS 2dk br / red (D) dk blos (D) AGE A, Y

DATE OF FIRST EGG <sup>est</sup> 6/5, or 6/6 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? 0

HATCHING DATE <sup>est</sup> 6/20 # OF HATCHLINGS 4 COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FAILED PREDATED? DATE OF FLEDGING — # OF FLEDGLINGS —

AGE OF FLEDGING — # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) — MEAN MASS FLEDGING (N) —

INDEPENDENT YOUNG ID NO. —

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN —

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN —

FEMALE BLED (Y/N); DATE 6/22 #1174

MALE BLED (Y/N); DATE — IMPLANT DATE — MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

COMMENTS:

6/21 Nest found with 4 young - est. to be day 1 Elk  
6/23 Nest empty - no damage to nest



FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-20 TREATMENT GROUP (CC) DATE FOUND 6/28/92

LOCATION 1.1 mi from 613 on 714, right bank, low

MALE ID BAND NO. 94093555 COLORS dk blue (B) 2 lav/blue (D) AGE A, Y

FEMALE ID BAND NO. 202109377 COLORS gold (B) Sdk K-grn wine (D) AGE     

DATE OF FIRST EGG 6/25 or 6/26 (backdated) # OF EGGS      UNDEVELOPED EGGS? #? 0

HATCHING DATE 7/10 # OF HATCHLINGS 4 COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? 2.96 (n=4) FEMALE MASS AT HATCHING?      MALE MASS AT HATCHING     

FATE OF NEST FLEDGED BY US DATE OF FLEDGING 7/21 # OF FLEDGINGS 3

AGE OF FLEDGING Day 10 # SURVIVING TO INDEPENDENCE      MEAN MASS DAY 3 (N) 8.43 (N=3)

MEAN MASS DAY 5 (N) 13.8 (N=3) MEAN MASS FLEDGING (N) 16.95 (N=2) (one fledgling was not weighed)

INDEPENDENT YOUNG ID NO. 94093636 94093637 94093638

FEMALE MASS AT FLEDGING 20.2 TIME 1130 DATE FEMALE LAST SEEN     

MALE MASS AT FLEDGING 20.1 TIME 1130 DATE MALE LAST SEEN     

FEMALE BLED (Y/N); DATE 7/16 #1290\*

MALE BLED (Y/N); DATE 7/16 #1291 IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT     

IMPLANT OK (IN, OUT?)      IMPLANT REMOVED (Y/N) DATE     

FAT CLASS?     

COMMENTS:

6/28 Nest found with 4 eggs

\* the band number was incorrectly recorded as 94098557

JUNCO NEST LOG SHEET

NEST ID 714-20 TREATMENT GROUP CC

FEMALE: DATE FOUND 6/22/92

BAND # 2021-09577 STATUS WHEN FOUND 4 eggs - 3 on

COLORS Y-R, SODK G @ Wline - L. Rec. ds badly worn & faded

MALE:

BAND # 942-93000

COLORS bl. BNC - R. = faded, R. =

LOCATION: 1.1 m from ... 714, R. side, low, short R/B to ...

# EGGS LAID \_\_\_\_\_ # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
6/22/92	14:00	♂ on 4 eggs. ♀ has been chased into a street about 1' away & got no response - when she returns today, ♂ left. Apparently she's only been here once.
6/22	11:00	♀ on 4 eggs.
	15:30	♀ on 4 eggs - called her w/ device. She bled, ♂ not caught.
	17:00	♂ on.
6/30	14:15	Adults chase chipmunk as we arrive. ♀ egg.
7/1	18:00	♂ on 4 eggs.
7/2	15:00	♀ on 4 eggs.
7/3	15:20, 15:41-16:29	♀ on 4 eggs; intruder test. ♂ (band 1) responded in 10 min to ♂ placed 45m NE. ♀ came in after 47 min. RET
7/5	14:00	♀ on 4 eggs.
7/6	15:45	♀ on 4 eggs.
7/7	13:00	♀ on 4 eggs.
7/8	17:00	♂, ♀ chipping above round. 4 eggs in nest RET
7/9	15:55	4 eggs, ♀ on 4
7/10	17:00	Down 2 - 00 4 h. b. a. ...

JUNCO NESTLOG SHEET. CONT.

DATE	TIME	STATUS
7/13	1715	Day 3 - weighed & polished 3 young 4th disappeared 4
7/16	1100	1100 - 1100 ... 1100 - 1100 ...
7/17	1500	See 3 ygs in nest.
7/15	1530	Band + bled 3 ygs. adult chipping above nest. SAR RCT
7/17	1445	Nest active
7/18		Active
7/21	1700	Three young ... mass nest - what are 2 bled, weight 2 young.

2 bled, 3 young,  
R1 + SR bled  
the ygs.

↑ no! 7/15  
No - they  
were bled  
on 7/13

FITNESS CORRELATES SUMMARY SHEET

4/10  
1 CC

NEST ID 714-21 TREATMENT GROUP (CC) DATE FOUND 7/4/92

LOCATION 1.6 mi up 714 15 yds south of spring 50-60 yds from active 714-13

MALE ID BAND NO. 940-93547 COLORS dk blues (D) red eye (D) AGE A, Y

FEMALE ID BAND NO. 940-93546 COLORS org/yel org/yel (R) dk blues (D) AGE A, Y

DATE OF FIRST EGG est. 6/9 or 6/10 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? 0

HATCHING DATE est. 6/24 # OF HATCHLINGS — COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING? —

FATE OF NEST FLEDGED BY US DATE OF FLEDGING 7/5 # OF FLEDGLINGS 3

AGE OF FLEDGING Day 11 # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 6 (N) — MEAN MASS FLEDGING (N) 17.12 (N=3)

INDEPENDENT YOUNG ID NO. 94093548 94093549 94093550

FEMALE MASS AT FLEDGING — TIME — DATE FEMALE LAST SEEN 7/9

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN 7/9

FEMALE BLED (Y/N); DATE 7/04 #1238

MALE BLED (Y/N); DATE 7/04 #1239 IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

COMMENTS:

7/4 nest found with 3 approx day 10 young EK



JUNCO NEST LOG SHEET

NEST ID 714-21 TREATMENT GROUP CC

FEMALE: DATE FOUND 7/4/92

BAND # 940-93545 STATUS WHEN FOUND 3 eggs prob Day 10

COLORS Or/Y O Pr/Y-R, dk BOS-L

MALE: BAND # 940-93547

COLORS dk BOS-R, R/Y-L

LOCATION: 1.6 mi up 714, 15 yds S of spring, Prob. 50-60 yds from active nest

# EGGS LAID 1 # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE 7/5

MALE BLED (Y/N), DATE 7/4/92 ♀ too IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
7/4	1400	Find nest because ♀ sat above it yesterday, "guarding" it, chipped. Catch U13 ♂ + ♀ and band and bleed. At 2000 per ♂ carrying food to nest - shoot by there after foraging on rd by nest.
7/5	0736	Take eggs, band and bleed, foot shape.
7/9	1905	Both adults chipping 1.55 miles up, did not see fledges but presume they are alive (at least 1) RT

nest  
714-  
13

4/10  
LC

FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-22 TREATMENT GROUP (CC) DATE FOUND 7/9/92

LOCATION 35 m north of green gate on east bank

MALE ID BAND NO. 940-93815 COLORS dk b/s (R) 2 org/white (D) AGE A, D

FEMALE ID BAND NO. 940-93822 COLORS red/white (R) dk b/s (A) AGE A, Y

DATE OF FIRST EGG 7/13/92 # OF EGGS 3 UNDEVELOPED EGGS? #? 0

HATCHING DATE 7/27 # OF HATCHLINGS 3 COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? 2.27 (N=3) FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FLEDGED BY US DATE OF FLEDGING 8/7 # OF FLEDGINGS 3

AGE OF FLEDGING Day 10 # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) 7.27 (N=3)

MEAN MASS DAY 6 (N) 14.33 (N=3) MEAN MASS FLEDGING (N) 18.33 (N=3)

INDEPENDENT YOUNG ID NO. 94093830 94093831 94093832

FEMALE MASS AT FLEDGING 20.0 TIME 1100 DATE FEMALE LAST SEEN 8/7

MALE MASS AT FLEDGING — TIME — DATE MALE LAST SEEN 8/7

FEMALE BLED (Y/N); DATE 7/29 # 1359

MALE BLED (Y/N); DATE 7/27 # 1348 IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

COMMENTS:  
7/19 Nest found as a start  
→ never seen feeding

JUNCO NEST LOG SHEET

NEST ID 714-22 TREATMENT GROUP \_\_\_\_\_

FEMALE: DATE FOUND \_\_\_\_\_

BAND # 940-93822 STATUS WHEN FOUND \_\_\_\_\_

COLORS red oakie-R dk bl OS-L

MALE:

BAND # 940-95915

COLORS dk R. E, 2 ON / Wh-L

LOCATION: m N of green gate on E bank (1.8 miles) opposite first hemlock that has branches over road.

# EGGS LAID \_\_\_\_\_ # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
7/9	1630	♀ w/ nesting material (small stick) in hemlock. ♂ above 8m chipping. Nest is messy collection of sticks RCT
7/12	1335	lined with hair. RCT No adults here.
7/14	1500	2 eggs! LC
7/16	1530	♀ on
7/17	1530	♀ on - 3 eggs
7/18-19		♀ on
7/20	1500	♀ on 2 eggs, back chipping
7/21	1100	♀ on
7/25		♀ on
7/26	1100	2 eggs, 1 egg, 1 egg, 1 egg, 1 egg
7/27	1100	♀ on 2 eggs, mess. catch, head, blind ♂.
	1330	3 eggs, ♀ on. weigh & mark.
7/29	1430	3 eggs. Catch, head, blind ♀.
7/30	#	♂ ♀ & banded & bled she weighed 21.4g at 1430
		♂ around all the time, chipping
7/30	1815	weight 1/5
7/30		LC

JUNCO NEST LOG SHEET (CON'T)

DATE	STATUS
8/4	[faint handwritten notes]
8/5	♂ in nest - ♀ apparently "guarding"
8/6	♂ in - 1000
8/7	We removed egg & process - [faint] - ♂ went approach after 1st failure and ♀, nest.

FITNESS CORRELATES SUMMARY SHEET

9/10  
LC

NEST ID 714-23 TREATMENT GROUP (CC) DATE FOUND 7/9/92

LOCATION 100 m North of green gate

MALE ID BAND NO. UNBANDIED COLORS \_\_\_\_\_ AGE \_\_\_\_\_

FEMALE ID BAND NO. UNBANDIED COLORS \_\_\_\_\_ AGE \_\_\_\_\_

DATE OF FIRST EGG \_\_\_\_\_ # OF EGGS \_\_\_\_\_ UNDEVELOPED EGGS? #? \_\_\_\_\_

HATCHING DATE \_\_\_\_\_ # OF HATCHLINGS \_\_\_\_\_ COWBIRD EGGS? #? \_\_\_\_\_

MEAN MASS AT HATCHING? \_\_\_\_\_ FEMALE MASS AT HATCHING? \_\_\_\_\_ MALE MASS AT HATCHING \_\_\_\_\_

FATE OF NEST ABANDONNED/FAILED DATE OF FLEDGING \_\_\_\_\_ # OF FLEDGINGS \_\_\_\_\_

AGE OF FLEDGING \_\_\_\_\_ # SURVIVING TO INDEPENDENCE \_\_\_\_\_ MEAN MASS DAY 3 (N) \_\_\_\_\_

MEAN MASS DAY 6 (N) \_\_\_\_\_ MEAN MASS FLEDGING (N) \_\_\_\_\_

INDEPENDENT YOUNG ID NO. \_\_\_\_\_

FEMALE MASS AT FLEDGING \_\_\_\_\_ TIME \_\_\_\_\_ DATE FEMALE LAST SEEN \_\_\_\_\_

MALE MASS AT FLEDGING \_\_\_\_\_ TIME \_\_\_\_\_ DATE MALE LAST SEEN \_\_\_\_\_

FEMALE BLED (Y/N); DATE \_\_\_\_\_

MALE BLED (Y/N); DATE \_\_\_\_\_ IMPLANT DATE \_\_\_\_\_ MASS AT IMPLANT \_\_\_\_\_

IMPLANT OK (IN, OUT?) \_\_\_\_\_ IMPLANT REMOVED (Y/N) DATE \_\_\_\_\_

FAT CLASS? \_\_\_\_\_

COMMENTS:

7/9 Found LINED, BUT EMPTY  
7/11 nest found ripped out

JUNCO NEST LOG SHEET

NEST ID 714-23 TREATMENT GROUP \_\_\_\_\_

FEMALE: DATE FOUND \_\_\_\_\_

BAND # 20 STATUS WHEN FOUND \_\_\_\_\_

COLORS \_\_\_\_\_

MALE:

BAND # \_\_\_\_\_

COLORS \_\_\_\_\_

LOCATION: N of Greengate on E bank

# EGGS LAID \_\_\_\_\_ # HATCHED, DATE \_\_\_\_\_

DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE failed

MALE BLED (Y/N), DATE \_\_\_\_\_ IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
7/9/12	1645	lined. empty. ♂ and ♀ flew from this area as soon as I played tape from 40 m down road. Did not chip when near nest - they were with 2+ fledglings (about day 14) RCT
7/11	-	ripped out
7/12	1340	✓ flopped out - No adults near

failed

FITNESS CORRELATES SUMMARY SHEET

NEST ID 714-24 TREATMENT GROUP (CC) DATE FOUND 7/18/92

LOCATION 9 miles from 63 right bank, low

MALE ID BAND NO. 2101-06101 COLORS dk bl 05 (R) 2 lt grn/white (D) AGE A, 0

FEMALE ID BAND NO. 940-93561 COLORS dk bl 05 (R) dk bl 05 (L) AGE A, Y

DATE OF FIRST EGG est 6/29 or 6/30 (backdated) # OF EGGS — UNDEVELOPED EGGS? #? 0

HATCHING DATE est 7/13 (backdated) # OF HATCHLINGS 4 COWBIRD EGGS? #? 0

MEAN MASS AT HATCHING? — FEMALE MASS AT HATCHING? — MALE MASS AT HATCHING —

FATE OF NEST FLEDGED BY US DATE OF FLEDGING 7/23 # OF FLEDGINGS 3

AGE OF FLEDGING est Day 10 # SURVIVING TO INDEPENDENCE — MEAN MASS DAY 3 (N) —

MEAN MASS DAY 5 (N) 12.18 (N=4) MEAN MASS FLEDGING (N) 17.73 (N=3)

INDEPENDENT YOUNG ID NO. 94093562 94093563 94093565

FEMALE MASS AT FLEDGING 20.5 TIME 1130 DATE FEMALE LAST SEEN 7/23

MALE MASS AT FLEDGING 22.2 TIME 1130 DATE MALE LAST SEEN 7/24

FEMALE BLED (Y/N); DATE 7/18 # 1309

MALE BLED (Y/N); DATE 7/03 # 1235 IMPLANT DATE NOT IMPLANTED MASS AT IMPLANT —

IMPLANT OK (IN, OUT?) — IMPLANT REMOVED (Y/N) DATE —

FAT CLASS? —

COMMENTS:

7/18 Nest found with 4 ~ day 5 nestlings EK  
7/20-7/21 one nestling disappears

young blood samples

- 1310
- 1311
- 1312
- 1313

JUNCO NEST LOG SHEET

NEST ID 4-24 TREATMENT GROUP \_\_\_\_\_  
 FEMALE DATE FOUND 7/18/92  
 BAND # 93561 STATUS WHEN FOUND 4 eggs ca 6 ↓ 5 days old  
 COLOR BOW-R, dk BOS-L  
 MALE:  
 BAND # 01-06101  
 COLOR BOS-R, 2 W G/W-L  
 LOCATION 1/2 mi from 613 - R. Linnick, low  
 # EGGS \_\_\_\_\_ # HATCHED, DATE \_\_\_\_\_  
 DATE INCUBATION ONSET \_\_\_\_\_ # FLEDGED/FAIL, DATE \_\_\_\_\_  
 MALE BLED DATE 7/3/92 <sup>0</sup> on 7/18 IMPLANT REMOVED (Y/N), DATE \_\_\_\_\_  
 FEMALE BLED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
7/18	1300	EK found, 4 nestings - later band & bleed 7 eggs. or already banded & bled
7/20	1500	4 eggs in nest. eggs at 100% hatch no nest. later on 7/21 bled on 7/21
7/21	1100	8 chicks on 7/21
7/23	1130	Took young, release. Catch other 4, bled & bled on 7/23. He has wing up part in activity.
7/24	1600	or can fly on 5-10' as a bird. Release him on territory.



JUNCO NEST LOG SHEET

NEST ID W 714-25

TREATMENT GROUP (E) Cc

FEMALE:

DATE FOUND 7/25

BAND # 2051-77258

STATUS WHEN FOUND 2 fresh eggs

COLORS ROBK-R, SDW/B-L

MALE:

BAND # 2101-15369

COLORS WH/B-R, WH-L

LOCATION: 2.65 km in 714

# EGGS LAID \_\_\_\_\_

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

DATE INCUBATION ONSET \_\_\_\_\_

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

MALE BLED (Y/N), DATE \_\_\_\_\_

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

FEMALE STAYED/LEFT \_\_\_\_\_

DATE	TIME	STATUS
7/25	1500	♀ on 2 fresh eggs
7/26	1115	♀ off 2 eggs. Wait and she returns (very slowly - off nest ≥ 35 min). ♂ with her. We see WH/LTB OS-R, WH-L.
7/27	1100	♀ on 2 eggs. Catch & bleed ♂.
<del>7/27</del>	1330	♀ on 2 eggs, 1 fresh, 1 old
<del>7/27</del>	1500	♀ on 2 eggs -
<del>7/27</del>	1500	♀ on 2 eggs -
<del>7/27</del>	1500	♀ on 2 eggs -
8/5	1300	♀ on 2 eggs, 1 slightly rump.
8/6	1620	♂ - 2 nestlings, faintly here in today.
8/8	1045	♀ off - 2 nestlings
	1910	♀ off - fed
	1829	♂ fed - I see his bands - no questions
8/9	1920	Day 3 ♀ off - 2 nestlings weighed & polished.

DATE

3/11

TIME

1137-1245

STATUS

I arrived at nest of ♀ Junco, set up net  
 and wait for pair for about an hour  
 Finally ♂ appeared and nest with  
 food. He pecked into the nest 3 or  
 3 times but then flew away  
 with food still in his bill. Shortly  
 after that, ♀ returns nest for about  
 1 min. then flies off (food in bill)  
 (as usual) I then checked nest  
 and found it empty.