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).

License/Disclaimer Statement
By downloading this document or using any information contained therein, you agree to the license terms outlined at https://scholarworks.iu.edu/dspace/handle/2022/15260, which explain terms governing use, creation of derivative research, and requirements for citing the document.

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

Junco log Sheet - Nests

Nest #BK10 ♀ I.D. UB

Nest location Trench near H2O tanks ♂ I.D.

Date Found 6/17/85 (Blaine Cole) Status when found ♀ building

Expected Hatching Date Expected fledging Date

Junco eggs @ onset of incubation # Young hatched

Date at onset of incubation

Date	Status
6/18	I saw her today - building in nest.
6/22	Trench filled in - Failed

Junco log Sheet - Nests

Nest # BK 11 ♀ I.D. UB

Nest location Below benches ♂ I. D.

Date Found ~ 6/14/85 Status when found ~~incubating~~ 3 eggs

Expected Hatching Date ~ 6/24 Expected fledging Date 7/5

Junco eggs @ onset of incubation 3 # Young hatched 3

Date at onset of incubation ~~6/13~~

Date	Status
6/18	Went & found Nest - eggs well-incubated.
6/22	Still 3 eggs - O.K.
6/23	" "
6/24	" " ok
6/25	no ck.
6/26	" "
6/28	Kids hatched look like DAY 3 Today
6/29	Didn't take vols today.
7/1	Banded Young - O.K. only 2 came.
7/2	Nest failed, Mel says all babies outside & scattered about nest area.

Junco log Sheet - Nests

Nest # Bk 12 ♀ I. D. UB Red O Blck OS-L, Red O Blck-R

Nest location ~2 turns above Stone seat ♂ I. D. UB/ Blk/Lt. Blue OS-R, Lt Grn O Yell O Lt Green-L

Date Found 6/22/85 { Status when found Coarse grass stage

~~Expected~~ Hatching Date ~~[illegible]~~ 6-7/8/85 Expected fledging Date ~7/17-18 7/19

Junco eggs @ onset of incubation 3 # Young hatched 3

Date at onset of incubation ~6/26

Date	Status
6/23	Oh good! Nest complete!
6/24	rock
6/25	rock
6/26	" "
6/27	" "
6/28	" "
6/29	" "
7/1	OK - ♀ on 3 eggs!
7/5	♀ on - Saw both of pr. UB's
7/9	♀ on 3 eggs.
7/11	Paul & I went up & caught Pr. ~2000-2030. Young hatched, but no time to weigh.
7/12	I weighed Young - all OK ~ Day 4-5.
7/13	O.K. Day 5 for sure.
7/14	Banded today.
7/16	Laura & Melissa tried to watch nest. Laura weighed (No tare) Yesterday.
7/17	~~[illegible]~~ all OK.
7/19	Fledged Young! Day 11. Caught both parents, too.
7/26	Saw family - in E. wood right above stone ~~Step~~ Seat. Heard 2 - @ least 2. Day 7 out.
7/27	Did not see family - pine Rained alot [illegible] could not look thru.
7/28	LZ made cursory search for kids w/ scream tape - didn't find a damn thing.
7/29	LZ looked for kids at 1100 - saw ♀ with 2 kids for sure - got bands on one: SO lt Blue - R; DK Blue/orange - L. Did not see ♂
8/3	Saw/heard all 3 Young! D. Blue/orange - & _____ 3 for sure. Both parents 16 days out!

JUNCO NEST LOG SHEETS

(E)

Nest # BK 13 Female ID (UB) 2 Red/Lt Blues as-L, Red-R

Nest Location Just below Stone Seat, in bank Male ID (UB) 2 Yell O's-R, 2 Yell-R

Status When found Some hair in nest

Date found 7/5/85

Expected hatching date ~~7/21~~ 7/23 Expected fledging date 8/3

Date of incubation onset 7/10 # young hatched 3

# of junco eggs ~~at~~ onset of incubation 2

Date	Status
7/5	Found nest - put in grn leaf
7/7	Nest more lined - active.
7/10	♀ on - late p.m. - 2 eggs!
7/11	♀ on 3 eggs.
7/12	" "
7/13	" "
7/14	" "
7/17	♀ on.
7/18	we caught & banded ♀ this a.m
7/19	♀ on -
7/21	♀ on - eggs unhatched - I set net
7/22	♀ on - eggs unhatched
7/23	♀ on - 2 young hatched and still one pipped egg, LZ
7/24	3rd egg hatched. El. caught & weighed ♀, Caught & held ♂. LZ weighed this p.m. ♀ was on.
7/25	all O.K.
7/26	all O.K.
7/27	Laura Watched nest a.m. Failed P.M. - nest empty

Junco log Sheet - Nests

Nest # Delinger - A ♀ I.D (UB)

Nest location Blue trailer ♂ I. D.

Date Found 6/22/85 Status when found 3~ day 4 young in nest

Expected Hatching Date Expected fledging Date

Junco eggs @ onset of incubation # Young hatched

Date at onset of incubation

Date	Status
6/22	Krissy followed ♀ & found nest in trailer. 3 yg. approx 4 days old.
6/23	all 3 yg taken to WVS52-R2 to make clutch of 4 for ex. ♀ there.

Junco log Sheet - Nests

(E) 2 Red/wh OS-L, 2 Dark Blue/Yellows - R

Nest # Dolingers A-R ~8 ft. up ♀ I.D.

Nest location Hemlock, Just. S of "House" ♂ I.D. St-R, Red O L. Grn O Held L

Date Found 6/26/85 Status when found Building

Expected Hatching Date ~7/17 (18) Expected fledging Date ~7/30 (7/29)

#Junco eggs @ onset of incubation 3 # Young hatched 2 (1 added)

Date at onset of incubation 7/6/85

Date	Status
6/30	Found nest - ♀ on - chipped alot, but nest not complete!
7/2	nest complete!
7/3	" Empty - dry.
7/4	Egg 1! Measured it
7/5	Egg 2 " ".
7/6	Egg 3 - ♀ on. Krissy measured it (eggs warm)
7/7	No one visited nest.
7/8	No ~~4th~~ egg. ♀ on.
7/11	♀ on.
7/12	" "
7/14	Val + El check nest - only 2 eggs! nest drooping on one side - will try to prop it up
7/17	Not yet hatched.
7/18	" - apparently hatched today (after note)
7/19	Both hatched. E & V. not successful in catching.
7/20	O.K. E & V. caught & bled ♀. Put in R-R from WVN 24-R.
7/21	O.K. Tried w/out success to watch nest. "Fixed" nest. No ♂ seen.
7/23	All O.K. Rd O S-R, Red O white O orng ♂ there on 7/22.
7/24	Well - Did successful watch this a.m. Repl. ♂ there only when ♀ chips alot. He did not accompany her around, during watch. Her 2 kids were Day 6 today - so I banded all. seems as tho they hatched 7/18.
7/25	Failed - Chipmunk or Red squirrel got to nest all 3 young found. 1 had head chewed off, another was below nest w/neck chewed up, & 3rd in nest - dead. Ug.
7/27	El. saw ♀ there w/ ♂ Repl. hmm.

JUNCO NEST LOG SHEETS

Treatment Group (C)

Nest # Dolinger B

Female ID ~~(unbanded)~~ banded 7/19 dk blue OS-L lt green/white O red O lt green/white R

Nest Location Dolinger Yard. left hand side of south power cut.

Male ID Lavender (must be verified) Red O Lavender O Red-L; Red OS-R

Status When found ♀ on ~~3 eggs~~ 4 fresh eggs

Date found 7/13/85

~~Expected~~ hatching date 7/24 Expected fledging date 8/4

Date of incubation onset ~7/13 or 12 # young hatched 4

# of junco eggs at onset of incubation 4

Date	Status
7/13	Laura followed pr. around - found nest
7/14	Val + El check nest. eggs are fresh, ♀ on.
7/16	Unhatched - ♀ on.
7/23	eggs checked, ♀ on. All four eggs intact and warm.
7/24	all 4 hatched. They weigh ~3.2g. - a bit heavy -
7/25	Young cold + wet - it looks as if ♀ has not been here all day. We weighed.
7/26	Et V. caught + bled ♀ this a.m. She's fine + taking care of the kids. we've helped the nest out some, as it was falling over. Yay!
7/27	O.K.
7/28	O.K. weighed.
7/29	All OK - nestlings are day 6 tomorrow... -
7/30	Oh boy - all fine, but it poured like mad when I was banding, so only none + silver on Both got done. weighing equip. got ~wet, so last 2 wts (R-R + R-L) unreliable.
8/1	KB weighed all ok.
8/2	Pre-fledged - day 9. Parents chip in ferns - did not find any Yung.
8/3	Val + El caught 1 kid + ♀ - may be only 1 young.

Junco log Sheet - Nests

Nest # Hotel 1 ♀ I.D. S-L, Blk O Pink O Dk Blue -R

Nest location Big bank Hotel, N. of Main Hotel ♂ I.D. ?

Date Found 5/20/85 { Status when found Young ~ day 3

~~Expected~~ Hatching Date ~5/17 ~~Expected~~ fledging Date ~5/28 5/29

Junco eggs @ onset of incubation ~~[illegible]~~ 4? # Young hatched 4

Date at onset of incubation ~5/6

Date	Status
5/20	Ellen found nest - Banded young
5/24	as of 5/22 - only 2 young.
5/29	Young fledged naturally this ~ Noon while E, V & K watched. They caught & bled & weighed ♀, & weighed 3 young.
5/30	all 3 kids still O.K. "One-eye" ♂ feeds a little, but a lot of hanging out w/ the white O white (1989 Dolinger house ♀) ♀.
6/1	I think I heard 3.
6/3	Yellow here - ♂ w/ it. heard 1 more. Caught & weighed Yellow - sprained? wing.
6/6	El saw 2 strong young (not Yellow) w/ ♀ - Yellow fell into mud hole yesterday & was fished out by workman, Probably didn't make it.
6/8	~~El thinks she found Hotel I-II~~ - 2 Young still OK - not Yellow
6/9	~~[illegible]~~ Yes - K.B. did see Yellow after 6/6
6/13	El saw ♀

To be continued on Hotel I-II sheet

!

Junco log Sheet - Nests.

Nest # Hotel 1-II Hotel A II ♀ I.D. S-L, Blk O Pink O D. Blue-R

Nest location Up in "corner" of main building - same place as ♂ I. D. Orange/Rl Blue OS-R, 3/3 Orange/Blue-L

Date Found 6/14/35 Status when found ♀ incubating

Expected Hatching Date ~6/22 Expected fledging Date ~7/3

Junco eggs @ onset of incubation ? ? # Young hatched ? (1)

Date at onset of incubation ~6/11

Date	Status
6/14	El. found ♀ on nest!
6/15	♀ on
6/16	~~weighed~~
6/17	~~O.K. weighed~~ "
6/18	" "
6/21	♀ on.
6/27	El saw ♀ taking food to nest.
6/28	El banded only 1 young in nest.
7/3	♀ feeds mostly - ♂ rarely. Laura watched for ½ hr - today. K.B.
7/4	Young still in ~ Day 11 or so?
7/5	Still in!
7/6	Fledged. V & E caught ♀ (Young?)
7/7	Laura saw ♀ w/ food.
7/10	Saw ♀ foraging w Steps w/ One-eye.
7/11	♀ ~~[illegible]~~ builds nest in uppermost Robin's nest above this one. El. saw her fledgling this p.m. - O.K. ♂ does not feed it. Day 6 out.
7/12	OK - fledgling looks good! I finally saw it - ♀ feeds it in Hotel car entrance hemlock.
7/13	♀ still feeding kid behind main Lodge -
7/14	♀ still feeds. Seen behind hotel - white tanks, near kitchen.
7/15	One-eye fed kid! Laura reports ♀ not seen around.
7/16	♀ incubating. We climbed up w/ ladder - 3 eggs. - Fledgling fed by 1-eye.
7/17	♀ on. ♂ feeds kid.
~~7/18~~	~~♀ on - 3 eggs~~
~~7/19~~	"
7/21	1-eye still feeds the fledgling - Now indep.
7/24	~~[illegible]~~
7/25	one-eye still w/ Hotel 8 - Hotel 1 fledgling behind hotel, hotel 1 still being fed by 1-eye

JUNCO NEST LOG SHEETS

Treatment Group C

Nest # Hotel 1-III Female ID S-L, Blk O Vell O D. Blue - R

Nest Location Top old Robin nest on Hotel front vines - above Hotel 1-II Male ID (2) Orange/Lt. Blue S O S-R, Orange/Lt. Blue - L

Status When found ♀ building

Date found 7/11/85

Expected hatching date ~~7/26~~ 7/27 Expected fledging date ~8/7-8

Date of incubation onset ~7/15 # young hatched

# of junco eggs at onset of incubation 3?

Date	Status
7/11	Saw ♀ building - ♂ sings. She still has 1 fledgling from last brood - no ♂ help. Day 6 out.
7/12	♀ feeds her fledgling.
7/14	Not yet incbting.
7/16	♀ incubating - 3 eggs - we climbed up & looked.
7/17	" "
7/19	♀ on - 3 eggs
7/21	"
7/22	"
7/24	Lots of trucks - ♀ on.
7/27	Hatched today! (2/3). K.B. weighed
7/28	ALL THREE warm + wiggly !! LZ weighed - both parents chipping
7/29	Checked - The three are fine
7/30	Did nest-watch in a.m. One-eye + ♀ fed; ♀ brooded for much of the time.
7/31	Wied nest-watch this morning. Hotel 8 ♀ was feeding + brooding, Hotel 1 ♀ was acting aggressively towards her. One-eye was feeding as well. See nest watch for details
8/1	E + V did nest watch this a.m. no weighings.
8/2	O.K. H-8 ♀ attends alot. Day 5 & both ♀♀ did feed in P.M. & watched w/ J. Alcock + Vil
8/3	E + V. caught & bled H-1 ♀. She did not go to nest to feed when we watched K.B. & I banded Young - day 7 - 1 ran out & KB caught it (whew!).

Junco log Sheet - Nests

(C)

Nest # Hotel 2

Nest location Hotel

Date Found 5/21/85

♀ I. D. SO Lt Blue-L, Lt Grn O ↑ Lt blue-R

♂ I. D. Yell/Blk OS-R, 2 Dk Blue/wh Lg-L (UB)

Status when found Nestlings ~ day 11

Expected Hatching Date ~ 4/30

Expected fledging Date (5/21)

Junco eggs @ onset of incubation ?

Young hatched ?

Date at onset of incubation 4/19

Date	Status
5/21	Ellen found nest - force-fledged & banded Young & Caught & Bled both parents - Banded ♂
5/22	Still have (?#) Young
5/24	" "
5/28	~~[illegible]~~ O.K. #?
6/7	Krissy saw ~~Ank/Dk Blue & white (?) kid.~~ # of kids unknown - @ least 2
6/8	El may have found Hotel 2-II !
6/9	Possible new nest - empty - This sheet ~~done~~ kids considered independent - But how many? → Yes - see Hotel 2-II

Junco log Sheet - Nests

Nest # Hotel 2 II ♀ I.D. SO Lt. Blue-L, Lt Grn O Lt Blue-R

Nest location In bank where Hotel 8 was - next to Richmond cabin ♂ I. D. Yell/Blck OS-R, Z Dr. Blue/whites-L

Date Found 6/8/85 Status when found ~~Nest empty; complete~~

Expected Hatching Date ~ 6/24 Expected fledging Date

Junco eggs @ onset of incubation # Young hatched

Date at onset of incubation

Date	Status
6/10	J- egg 1- switched it for X J. egg. El. found nest 2 days ago — empty & complete.
6/11	J- egg 2- ♀ was an early a.m. Replaced it w/ X CB egg.
6/12	They mowed bank yesterday - El. said all eggs exposed yesterday - This a.m. only 1 new J- egg. I had only 1 sub. egg, so I left it, put in 1 dummy egg, & 1 X CB egg. This p.m. nest empty - a bit of muck on bottom. I looked for their fledglings, but saw & heard only ♂ singing in the Valley of the Ferns.

Junco log Sheet - Nests

Nest # Hotel 2-II-R ♀ I. DScLt Blue-L, Lt Blue O Lt Green-R

Nest location In Golf course Rd-Bank, near Hotel 2 ♂ I. DYell/Blk OS-R, 2O. Blue/whLeg-L

Date Found 6/14/85 Status when found ♀ building

Expected Hatching Date ~7/2 Expected fledging Date

Junco eggs @ onset of incubation # Young hatched

Date at onset of incubation

Date	Status
6/14	El. found ♀ building,
6/16	?
6/17	
6/20	El said egg this am. I switched it for X 3- egg, but found a shell of another egg outside nest- I assume this is #2.
6/21	Nest empty - failed

Junco log Sheet - Nests

(see E.K.'s notes)

(E)

Nest # Hotel 3 ♀ I.D. (UB) fill in

Nest location Bank below Gallery ♂ I.D. So Red-R; Red O Drk Grn/Red-L

Date Found ~5/26/85 Status when found ♀ building

Expected Hatching Date ~6/11 Expected fledging Date ~6/22

Junco eggs @ onset of ~~incubation~~ 3 (+2) # Young hatched 4

Date at onset of incubation ~5/30-31

Date	Status
5/28	Egg 1
5/31	Eggs 2 & 3 on 5/29 - 5/30 - no check ~~[illegible]~~ to see if she laid 4 or 3 & 1 egg was stolen. El. put in 2 extra eggs; 1 partially-incubated one from WP61-R, & one non-incubated but maybe dead (oldish) from on bank next to failed WV554-RZ nest.
6/2	K.B. caught & banded ♀.
6/3	♀ on - I saw only 4 eggs - I think
6/4	All OK - 5 eggs.
6/6	" "
6/9	♀ on -
6/11	Hatched 3 - 4th egg unpipped, & 5th dead. El. removed this one & weighed kids
6/12	Weighed kids - Egg 4 pipped - p.m. El. caught Both, bled, & held ♂. By ~1600 2 neighbor ♂♂ here - Hotel 6 ♂ very intent. I don't think he has a ♀ anymore.
6/13	Val watched nest this a.m. El. weighed _ _
6/14	O.K.
6/15	" " Young growing well. Hotel 6 ♂ really hangs out.
6/16	Watched nest - rained. R-Rt kid had a big grub stuck in rt's esophogus @ 1800 when I weighed - it was starving. I succeeded in helping it to swallow grub - seemed better, but "he" was really emaciated.
6/17	Zig found R-R kid under roof of Gallery - starved & apparently removed. It turns out that it did not gain wt from the day before yesterday, too - so it really did starve. Banded 2 biggest - Zig watched nest, & Repl. ♂ would not come to lure.
6/18	O.K. Banded Youngest. V & E. caught Replacement ♂ & Bled.
6/19	OK - weighed smallest - only day 6, tho.
6/20	K.B. Watched nest - an UB ♂ hangs out now! ~~Feeds~~ -
6/21	kids (3) in ~1930.
6/22	- Fledged - E, V, & K.B. Fledged Young & caught ♀. The smallest - day 9 - stayed in for a while, but fledged later on.
6/23	Looked for family - in woods - Thought I heard 3 - ♀ being a shit.
6/24	Looked for family for 2 hrs! no sign of anyone.
6/25	Val & D saw ♀ w/ Rd/org leg-bands foraging about, no fledglings heard or seen ∴

JUNCO NEST LOG SHEETS

Nest # Hotel 3-R Female ID Blck/Pink O S-L, 2 Blck/Pinks-R

Nest Location same bank as H-3 Male ID 2 white/Lt. Blues OS-R, Of/Red-L; 2 Orng/O Blues OS-R, 2 Lt. Grn/Orng-L

Status When found ♀ on 3 eggs

Date found 7/16/85 7/27

Expected hatching date ?~7/23 4 Expected fledging date ~8/7-8

Date of incubation onset ~7/12 or so # young hatched 2

# of junco eggs at onset of incubation 3?

Date	Status
7/19	♀ on - we found nest 2 days ago. ♀ chipped & we watched her go.
7/23	♀ on - eggs warm + smooth.
7/25	" still eggs
7/27	2/3 hatched today weighed.
7/28	Still only 2/3 hatched ∴ other two doing fine LZ weighed
7/29	only 2/3 hatched - weighed others. Seems that there are 2 ♂'s feeding!
7/30	KB. watched nest ~1.6 hrs this a.m. Both ♂♂ feed.
8/1	KB weighed all ok. KB did nest watch this a.m. Both ♂♂'s feeding.
8/2	O.K. Banded young stripped ♂ feeds.
8/3	O.K. weighed - day 7. EK said real/orange feed

Junco log Sheet - Nests

Only J-egg in nest was a tiny runt egg

CB - 2 eggs - same ♀

Nest # Hotel 4-R ♀ I.D. Red o Pink OS-L, 2 Lt Grns -R

Nest location up in huge bank X from Condos ♂ I. D. Lt. Blue/Blk OS-R, 2 Pink/Blues-L

Date Found 6/3/85 Status when found ♀ on incubating

Expected Hatching Date _____ Expected fledging Date _____

Junco eggs @ onset of incubation _____ # Young hatched _____

Date at onset of incubation _____

Date	Status
6/3	Saw ♀ go to nest. Incubating. Did not flush her off.
6/4	Oh boy! We looked in nest - only 2 CBs - same ♀ - plus a tiny J egg only ~ 14 mm long X 11-12 mm wide - weighed 1.7 g. Took it out - left CB eggs for now
6/5	♀ on - took the 2 CB eggs.

Kaput

Junco log Sheet - Nests

Red OPink OS-L, 2 Lt Grns-R

Nest # Hotel 4-R2 ♀ I.D.

Nest location Near beginning of turnout @ Condos way up in tree ♂ I.D. Lt Blue/Blck OS-R, 2 Ask/Blcks-L

Date Found 6/8/85 { Status when found ♀ Building

Expected Hatching Date ~6/25 Expected fledging Date

Junco eggs @ onset of incubation ? # Young hatched

Date at onset of incubation ~6/14

Date	Status
6/8	El. saw ♀ building - Ugh - so much for this nest -
6/18	♀ forages excitedly - probably incubating.
6/28	We know she's hatched
	Parents have been bringing loads of food.
7/3	
7/5	still in
7/7	Failed - Vt E reported no response to screams - ♂ sings - pr. together.

Junco log Sheet - Nests

Nest # Hotel 5-II ♀ I.D. 2 Pinks OS-L, 2 Pinks OS-R

Nest location In bank below "tree-bark" Cabin ♂ I.D. White OS-R, Lt Grn O Blk O Yell-L

Date Found 6/11/85 Status when found Nest complete - empty

Expected Hatching Date ~~6/27~~ 6/29 Expected fledging Date 7/16

Junco eggs @ onset of incubation 3 (+1) = 4 # Young hatched 4

Date at onset of incubation 6/16-15

Date	Status
6/11	Saw ♀ sitting on roof of "T-B." cabin - Looked & found it - She chipped a bit.
6/12	Empty, but none hair & leaf gone.
6/13	J. egg 1 - El. exchanged it for an XCB egg.
6/14	Egg 2 - Replaced it w/ X J - egg.
6/15	Egg 3 - ♀ was sitting on late afternoon, so I just measured & left it.
6/16	♀ on - No egg 4 - Did she not lay? Was on early a.m. when El. checked, but ~0930 she was on - eggs cold. I added 1 egg from WVN25 → 4.
6/18	♀ on.
6/19	" "
6/22	" "
6/24	" "
6/25	" "
6/26	" "
6/27	" "
6/28	" "
6/29	2 eggs hatched, 1 pipped & one yng hatching before our very eyes ☺! El thought said messed up eggs but shells probably just soft before hatching. Tried & caught ♀ & bled her. The added egg dead - we removed it. There are 5 eggs - She apparently layed # 4 on day 5.
6/30	All 4 - nice - weighed.
6/31	did nest watch - all O.K.
7/2	weighed, all ok, Liz did nest watch in a.m.
7/3	Watched this a.m. O.K.
7/4	O.K. watched
7/5	Banded 2 ~~oldest watched~~
7/6	Banded Watched → last 2 & weighed.
7/7	Last wt. on ~~2 youngest~~ - High! Zig watched nest.
7/8	Laura watched nest. day ~~9~~ oldest today
7/10	Vt E fledged them this a.m. Did not get ↗.
7/11	Saw 2 kids: Blck/White & Grn/Blck. - El. saw a 3rd - Yell/Blck
7/12	Saw Lt. Blue/Single kid & Yell/Blck - Blue/Grn on slope S. of Richmonds Y/B, - behind it.
7/14	Zig saw Yell/Blck Laura saw Lt. Blu/Single.

Junco log Sheet - Nests

Nest # Hotel 6 ♀ I.D (UB)

Nest location Just below Condos on Rd ♂ I. D. White/Lt Blue OS-B, orange/Red-L?

Date Found 6/31/85 { Status when found ♀ building

Expected Hatching Date 6/17 Expected fledging Date

Junco eggs @ onset of incubation # Young hatched

Date at onset of incubation 6

Date	Status
6/1	♀ here yesterday - 2 ♂♂ " fighting over her - she started nest right on terr. boarder - one ♂ mated. Nest ~ Grass stage today.
6/4	Yesterday she had J-egg 1. Measured & left it. Today had new J. plus new CB egg Marked CB egg 1, took 2 J-eggs & put in an X CB egg. ♀ appeared to be incubating - eggs were warm.
6/5	Oh Shit - no new J. egg - same 2 CB eggs - 1 X & 1 new. 3 birds chase all around here. left as was.
6/6	Oh boy - pretty failed. only the 1 CB egg - all covered w/ sticky goop from ½-rotten X CB egg - egg itself gone. I cleaned up things & put in a new X CB egg. No ♀ around, but ♂ here & there - sings some.
6/7	Pretty failed - same 2 CB eggs - I took them.

Junco log Sheet - Nests

Nest # Hotel 8

♀ I.D. Orng/Lt Blue OS-L, 2 whites - R

Nest location Hotel porch - In Benj. ficus

♂ I.D. 2 Orng/Lt Blues OS-R, Orng/Lt Blu-L

Date Found 6/15/85 - By EK

Status when found Young hatching!

Expected Hatching Date 6/15

Expected fledging Date ~6/26

Junco eggs @ onset of incubation 4?

Young hatched 3

Date at onset of incubation ~6/4

Date	Status
6/15	El was informed by workfolks about nest - just pipping ~~eater~~ P.M. by late afternoon I looked briefly in - saw no eggs.
6/16	- V & E caught ♀ in hoop net today & bled. But oh boy - They took plant away for a wedding reception today for ~ 5 hrs - it was O.K. - they put it back - Parents came back
6/17	All OK - weighed - kids seem OK.
6/18	all OK.
6/19	OK.
6/20	O.K. ♂ feeds - Dropped none
6/21	O.K. none still alive - but will die - starved. V & E - put biggest from WVN27 in - so there'll be ~~4~~ 3 still. it's smallest - R-C.
6/22	- well - Now finally gone. I banded other 3. 2 Day 7, 1 day 5.
6/23	OK No - only 2 oldest in nest - Orng/Red kid found dead near railing on porch
6/24	2 yg still ok.
6/25	2 yg still ok.
6/26	2 yg still OK
6/27	Kids forced fledged by us - ♀ bled. El saw kids 12 hrs after fledging!
6/28	Saw 1 kid today w/ ♀ + ♂, but didn't look for other one.
6/29	Saw both fledglings w/ ♀ + ♂ just south of Hotel & west of B.K. Rd.
~~7/1~~ 7/9	El. Saw family - no telling # of young -
7/13	Not seen!
7/17	Laura says she saw ♀ (colors?) - responded to screams
7/18	Saw both parents up B.K. Rd - only Grn/Blck kid seen. Flys well. We think only this one made it.
7/10	Saw them ~ late p.m. - very dark, but saw 1 young - parents chipped.
7/16	El saw ♀ w/ the fledgling up @ blck cylander tank. some chips.
7/12	Saw the Grn/Blck kid w/ ♀ + ♂ same place - almost feeds itself. It is officially
7/13	Indep.
7/14	♀ still feeds kid.
7/15	Laura chased ♀ + kid around for 1½ hrs this a.m. still feeds
7/16	♀ still feeds! ♀ not seen @ all. Fledgling follows Irene, who does not feed it.

JUNCO NEST LOG SHEETS

Nest # Hotel 8-II Female ID Orng/Lt. Blue OS 4 2 whites R

Nest Location Right in Hotel 1-II spot Male ID One-eye

Status When found ♀ incubating 4 eggs

Date found 7/19/85

Expected hatching date ~7/27-8 (7/29) Expected fledging date 8/9-10

Date of incubation onset ~7/16 # young hatched

# of junco eggs at onset of incubation 4

Date	Status
7/19	Found her nest. Went up ladder to check H.-1, & H.8 ♀ flushed off this nest 4 eggs!!
7/21	♀ on.
7/22	♀ on
7/24	"
7/27	♀ on.
7/28	Still four warm eggs .....
7/29	3/4 hatched today! LZ+LW weighed.
7/30	LZ did nest watch in a.m. - ♀ brooded for 80 min straight. Did not weigh in p.m. because of torrential rain.
7/31	LZ did nest watch in a.m. Nest had failed, no young in nest. But .... Hotel 8 ♀ was brooding + feeding Hotel 1 ♀'s kids.

~~8/1 did't weigh~~

Junco log Sheet - Nests

2 Yell/D Blues OS-L, 2 Yell/D. Blues-R

Nest # ~~[illegible]~~ Hotel 9-R 2 wh/Grns OS-R, 2 wh/Grns-L → ♀ I.D. ~~Rd/D Blue OS-L, [illegible]~~ O ~~[illegible]~~ -R

Nest location Valley View ♂ I.D. ~~[illegible]~~ L

Date Found 6/26/85 Status when found Building

Expected Hatching Date ~7/13-14 Expected fledging Date 7/25

#Junco eggs @ onset of incubation 4 # Young hatched 4

Date at onset of incubation 7/3

Date	Status
6/29	Found ♀ building 6/26 - Lined today.
6/30	Egg1: Measured it
7/1	Egg2 - KB measured it.
7/2	Shit forgot to check Egg 3.
7/3	Okay 4 eggs (meas. 3 + 4)
7/8	♀ on
7/12	All ok. ♀ seen on porch of Valley View - chipped a bit.
7/13	Unhatched.
7/14	3 hatched. V + El. unsuccessful in catching.
7/15	Laura + Melissa watched for 30 min. Egg 4 hatched.
7/16	O.K. R-R Fellout of Nest - dead on Porch. Red O white O D Blue ♂ showed up!!
7/17	" "
7/18	O.K.
7/19	" " None very small. ~~[illegible]~~ KB + Melissa watched nest.
7/20	~~KB~~ watched, reweighed. Saw H. 2 ♂ as replacement ♂.
7/21	~~Elten~~ banded - The smallest (none) ~~[illegible]~~ was found alive on porch below. Laura Duct-taped nest up, + made a perch for ♀ to feed from. 'None' was cold when we found it - after warming it, it revived + we banded it and put it back into the nest
7/22	KB. did nest watch, Repla. ♂ did not feed but came to nest + perched beside it noticed B. Swallows swooping very close to nest, then noticed 1 yng laying dead on porch - seemed to have been dead quite some time, (at least several hours). am speculating that it may have died from fall yesterday + ♀ removed it. Hotel 9 original ♂ got out of lure cage
7/23	on bold knob trail; he was seen at nest site in early evening. LW + LZ tried to catch Hotel 9 original ♂ in a.m. with net, lure ♂ and recorded songs; no response from ♂. Saw him feed at nest. LW + LZ tried baited cages later on in the afternoon; succeeded in catching ♂ in early evening. He was put in the aviary. 2 fledgling still in nest - being fed by ♀.
7/25	Kids still in ~1900 - day 11. Did not fledge them - wet + Rainy.
7/26	E + V fledged kids. KB saw them Both at 1700.
7/27	Family on hill above stable. Saw 1 kid take long flight down hill, turn round in air + come back to land on hill. Repl. ♂ here - chips + sings
7/28	Laura saw Both kids!! This am in maple near Valley View. Hotel 2 ♂ chipped, was there

Junco log Sheet - Nests | CB | 2 CB eg

Fund by EK

♀ ??

3 J. eggs - 2 unha

Nest # Hotel 10

Nest location in Rhododendron S.E. of fire engine garage

Date Found 7/1/85

♀ I.D.

♂ I.D. D. Grn O Yell O S-R, Dk Grn O

Status when found 1 yng DAY 6, 2 CB eggs, 2 junco eggs

Expected Hatching Date ~6/25

Expected fledging Date ~7/6

Junco eggs @ onset of incubation 3

Young hatched 1

Date at onset of incubation ~6/14

Date	Status
7/1/85	2 CB eggs, 2 Junco eggs & one DAY 6 yng in nest
7/2	Caught & Banded Pr. - Banded Yng
7/6	~~Fledged~~ -
7/8	Fledged or failed - V & E. missed this one.

JUNCO NEST LOG SHEETS

Nest # Hotel 11 Female ID (DK Blu/lt blue OS-L; Y o dk blue/lt blue OY-R

Nest Location up hill from condos-W. Gaea. In Ferns- Male ID ROBK OS-R ; DK BLU/PK-L

Status When found Young ~ Day 4

Date found 7/21/85

~~Expected~~ hatching date 7/17 Expected fledging date ~~7/30~~ 7/29

Date of incubation onset ~ 7/5 # young hatched 4

# of junco eggs at onset of incubation 4

Date	Status
7/21	Laura found Nest - ♀ chipped w her - Had kids ~ Day 4. She weighed.
7/22	LZ caught + banded ♀; weighed kids
7/23	LZ weighed kids; saw both ♂ + ♀ feed young
7/24	LZ did nest watch this a.m. both ♂ + ♀ fed. weighed kids, all were day 6, so they got banded; they're healthy + wiggly!
7/25	O.K. - but some appeared to have lost wt!! all day rain storm.
7/26	Laura watched.
7/28	SHTT!!!! Nest failed on day 10! LZ went to watch nest this a.m. Before watch I saw a family ~ 2 parents + 2 banded fledglings. Never saw the bands + the fledglings were awfully mobile for day 10 kids (who were they ???) Went back after ~~to~~ lunch with scream tape but couldn't find anything.

Junco log Sheet - Nests

Nest # Hotel C-II-85 ♀ I.D. Gun/Blck O 5-L, L Blue O Rd/white-R

Nest location: In Potted Benjaftcus in Hotel Carport ♂ I.D. Yell O 5-R, Lav-L, Dk Blue O Yell

Date Found 6/3/85 Status when found 1 ♀ building

Expected Hatching Date ~~6/20~~ 6/20 Expected fledging Date 6/31 ~~7/1~~

Junco eggs @ onset of incubation 4 # Young hatched 4

Date at onset of incubation 6/4

Date	Status
6/3	Found nest- saw No building
6/4	
6/5	Nest in Benj. ficus in carport of hotel- ♀ on J. egg 1 - warm. I changed it for a X CB egg.
6/7	Egg 2 - I put in a x J. egg & took hers
6/8	Egg 3 - ♀ on a.m., not p.m. we put back her 2 eggs, & measured 3rd
6/9	Egg 4 - ♀ on - Beak measured 4th
6/12	♀ on.
6/15	"
6/17	♀ on
6/19	"
6/20	3/4 hatched this a.m. - 1 ~~pipped~~ unpipped - this p.m.
6/21	O.K. #4 hatched this a.m., & V & E took it to WVS67. They put in smallest from WVS61-R3.
6/22	O.K
6/23	O.K. - ♂ brings loads.
6/24	ok - took wts
6/25	ok - took wts
6/26	ok - took wts, ♂ + ♀ chipped madly. ♂ collecting food right at overfeet!
6/27	ok, took wts for Day 7.
6/28	♀ on brooding
6/29	♀ on brooding (4yg @ 1030)
6/30	all ok. Day 10- feds in.
7/1	Fledged Yng - we caught & measured & bled both parents - Good job
7/2	El caught & weighed parents & one yng (which had lost weight! :-)
7/4	Family not seen - only ♂
7/6	Laura saw Parents around gallery area.
7/7	Laura saw Parents feed @ hemlock ↑.
7/8	I think I found new nest - in vines on Hotel wall. Saw ♂ foraging - did not see ♀. Looks like whole brood died → See New sheet Hotel C-III-R

JUNCO NEST LOG SHEETS

Nest # Hotel C-II-R Female ID Gin/Blk OS-L, Lt. Blue O Rd/white-R Lost it? yes

Nest Location Vines in Dinning room corner of Hotel wall ~ 5 ft. up Male ID Yellow OS-R, 1 D. Blue O Yell O Lav-L

Status When found 1 egg in nest

Date found 7/8/85

Expected hatching date ~ ~~7/21~~ 7/22 Expected fledging date ~ 8/2

Date of incubation onset 7/10 # young hatched 4

# of junco eggs at onset of incubation 3

Date	Status
7/8	Found nest - w/ 1 egg. measured it.
7/10	Eggs 2 & 3 - It is her - ♀ on today ↑7/9
7/11	♀ on - 4 eggs!
7/14	" "
7/16	" "
7/19	" "
7/21	"
7/22	3 yg, 1 egg, V+E tried to catch ♀ but no luck, both adults feeding
7/23	4 young hatched - LZ weighed young; ♀ came + fed the 2 young left in nest while LZ was weighing the others not more than 5 feet away!!
7/24	♀ on this p.m. LZ. weighed all four.
7/25	O.K. weighed.
7/26	OK. KB weighed
7/27	I watched. O.K.
7/28	All's fine + handy
7/29	LZ+LW weighed today - all kids are banded. Will try to make a video of them tomorrow.
7/30	I watched + vidiotaped nest.
8/2	Fledged. V+E. caught & Bled parents, too - Ek saw red/lt blue and pink/black in PM
8/3	Saw 2 kids - saw Red/Lt. Blue + _____

/ Junco log Sheet - Nests / CB - 1 egg

Nest # Hotel D-II 85 (Parking lot) ♀ I.D. Blck/Orngy ? O S-R, Orngy O white O Lt Grn - R

Nest location In grass below stone wall below Gallery ♂ I.D. Orngy/Blck O ~~Blck~~/Grn O S-R, ~~Drk Blue O white O Lt Grn - L~~

Date Found 6/3/85 { Status when found Complete, empty

6/19

Expected Hatching Date 6/18 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched 4

Date at onset of incubation 6/7

Date	Status
6/3	almost stepped on her - flushed ♀ off empty nest.
6/4	J. egg 1! exchanged it for X J. egg.
6/5	Oh shit. No new J-egg (~1400), but a new CB egg. Left as was - marked CB egg 1.
6/6	New J-egg - I changed it for a X CB egg.
6/7	J. egg 4. Put in her 2, plus a fresh spare from Hotel 6 - measured 4th. Now she has 4.
6/8	all OK - 4 eggs
6/9	OK..?
6/12	♀ on.
6/14	" "
6/16	" "
6/17	♀ on.
6/18	" " still unhatched
6/19	Ug. all 4 hatched this a.m. El caught & bled - but ♀ had died later p.m. (she couldn't fly). They put 2 kids in WVS61-R3 nest & 2 in WVS41.

Junco log Sheet - Nests

Nest # J.T.1 or Hotel 7 ♀ I. D. S O Orange-R, Lt. Blue-L

Nest location In Roots of overturned tree, ~ 300 yds in, down hill ♂ I. D. D. Grn OS-L, Brk Grn O Rd O D Grn-L

Date Found ~6/14/85 { Status when found ♀ building

Expected Hatching Date ~6/30 Expected fledging Date

Junco eggs @ onset of incubation 3 # Young hatched

Date at onset of incubation 6/19

Date	Status
6/17	E & V. found ♀ building - Yesterday they said she had 1 egg - Today 2 CB (same ♀) & 1 J. egg. Hmm. Was it a CB egg yesterday? I subbed the J. egg for an X J. & marked CB eggs 1 & 11. On 6/17 they banded ♂.
6/18	well-nest ruffled up, but no eggs seen broken. X J. egg gone, New J. egg here. I straightened it up & subbed an X CB egg in.
6/19	J. egg 3. I took out the 2 new CB eggs, returned her 2, & left 1 X CB egg in. Measured 3rd - she's on today - Covered nest w/ ferns.
6/20	No check
6/21	Oh - only 2 good J. eggs here - ♀ still on.
6/21	Abandoned - Only 2 cold eggs - I left them.
6/25	Val collected 2 eggs to use as sub eggs.

Junco log Sheet - Nests

Nest # Hotel 7 (J.T.7) ♀ I.D. S O Orange-R, Lt. Blue-L (WVS24 Kid?)

Nest location near Condo end - near lake-trail ♂ I. D. (UB)

Date Found 6/14/85 Status when found ♀ building

Expected Hatching Date _____ Expected fledging Date _____

Junco eggs @ onset of incubation _____ # Young hatched _____

Date at onset of incubation _____

Date	Status
6/14	El. found ♀ building
6/16	V & E. caught bird today-

Junco log Sheet - Nests

(E)

Nest # J.T.2

Nest location ~ 400 yds Part J.T.1

Date Found ~ 6/15

♀ I. D. (UB) Lt. Blue/Blck O'Will-R D. Blue/Pink OS-L

died ♂ I. D. Pink OS-R, Pink-L

Status when found ♀ on 4 eggs (J) Fresh

Expected Hatching Date ~6/26

Expected fledging Date ~ 7/7

Junco eggs @ onset of incubation 4

Young hatched 3

Date at onset of incubation ~6/15

Date	Status
6/17	♀ on - She really gets excited @ you.
6/22	♀ on - 4 eggs O.K
6/24	♀ on, 4 eggs ok
6/25	♀ on, 4 eggs ok
6/26	3 eggs hatched, one egg pipped (all but membrane broken turn) val pipped egg very carefully so embryo could get air.
6/27	V + E & D setup net to catch ♀ & Bled - another success story. except 4th egg never did hatch :(
6/28	only 2 yng in nest ("Both" missing)
6/29	still 2 yng in nest
7/1	Yesterday & today - weighed. O.K.
7/2	wts + Tars. taken, 2 yng ok.
7/3	Laura watched this a.m. ~ unsuccessfully, Both kids look great. DAY 7 today.
7/4	Watched w/ Glmd - ~~Eh weighed day 6 &~~ Day 8
7/5	♀ chipped there late p.m.
7/6	Day 10 - Laura saw young gone a.m. - a larva in nest. went & looked all round - played
~~7/8~~	Screams p.m. - No response or anything - Failed? ~~Laur~~

Junco log Sheet - Nests

(E)

Nest # J.T. #3

Nest location ~ 1/8 mi. up trail

Date Found 6/27/85

♀ I.D. ~~WB~~ rd o ltgrn OS-L / rd o ltgrn - R

♂ I.D. ~~WB~~ org o lt Blue OS-R / org o lt Blue - L

Status when found 4 eggs incubating (late Stage)

Expected Hatching Date 6/28

Expected fledging Date ~7/9

Junco eggs @ onset of incubation 4

Young hatched 4

Date at onset of incubation ~ 17

Date	Status
6/27/85	watched ♀ go to nest, 4 eggs warm. mean. wt. (marked ⁘) Believe I may have damaged eggs 2 & 3 while marking - very thin shelled - Val thinks might hatch any day. After dinner Val goes back - ♀ on! maybe eggs ok.
6/28	3 of 4 eggs hatched! , 4th pipped.
6/29	4th egg hatched. El & Lucia caught ♂ & ♀ & El Bled Both. ♂ held.
7/1	Yesterday O.K. - Today 2 Young dead in nest. K.B. weighed them
7/2	2 yng still in nest, look good.
7/3	K.B. watched this a.m. - used blind; replacement ♂ was chipping, & he might have fed but can't say for sure.
7/4	Watched nest - El. weighed - did not band - day 6.
7/5	Banded! Day 7.
7/6	Laura watched nest.
7/8	Laura watched - Replcmt ♂ feeds!
7/9	Fledged this a.m. V & E. successful - caught -
7/10	Laura saw both kids & ♀ ⊕ Replc. ♂.
7/11	Laura saw 1 Young, heard another. (D. Blue/Lt. Blue)
7/12	El. saw D. Blu/Well - Kid (+)
7/14	1 fledgling (un I Ded) seen.
7/15	Laura saw Repl. ♂ w/ 1 Fledgling (Lt. Blu/Blk-L) - Down in Rhod. grove
7/18	Laura saw both young - ♀ & Replcmt ♂ - he feeds still; Day 10 out.
7/20	" " "
7/23	LZ looked for 1 1/2 hrs with L.W. and did not find a damn thing!
7/24	LZ looked again for kids this a.m. - got nothing.
7/26	El saw Both Kids w/ ♀ today! no ♂ in sight.
7/29	LZ looked for kids today. - D saw both kids with Mom no ♂ in sight.

Junco log Sheet - Nests

Nest # JT 4 ♀ I.D. UB

Nest location way up on tree just sky of J.T. 2 75-100 yds. on north side. ♂ I.D. UB

Date Found 6/25/85 Status when found Building

Expected Hatching Date _____ Expected fledging Date _____

Junco eggs @ onset of incubation _____ # Young hatched _____

Date at onset of incubation _____

Date	Status
6/25/85	♀ building
6/27/85	D saw ♀ she looks very heavy w/ eggs, foraging in road below nest.
6/29	Licia + D saw ♀ foraging in rd at bait pile - chopped at wings, doesn't look "heavy" w/ eggs anymore.
7/~?	Failed

Junco log Sheet - Nests

Nest # SPA ♀ I.D. SP2 ♀

Nest location flag 20 - in woods ~40m. ♂ I.D. SP2 ♂

Date Found 6/10/85 Status when found ♀ building

Expected Hatching Date _____ Expected fledging Date _____

Junco eggs @ onset of incubation _____ # Young hatched _____

Date at onset of incubation _____

Date	Status
6/12	Krissy showed me nest. - Way up. Need a mirror.
6/13	KB looked in- incomplete- grass
6/19	Went to see it- could not see in w/ mirror! too many leaves - No birds around, tho.

Junco log Sheet - Nests

(E)

Nest # ST20 (STN) ♀ I.D. S-L, 3 Lav-R

Nest location Lower bank t end of Horton Pond ♂ I.D. (UB)

Date Found 5/3 Status when found ♀ on 4 J. eggs

Expected Hatching Date ~~5/12~~ ? good guess Expected fledging Date 5/23

Junco eggs at onset of incubation 4 # Young hatched 2

Date at onset of incubation ~ 4/30?

Date	Status
5/3	Found ♀ on 4 J. eggs. Not real fresh-looking. ♂ came in & chipped - UB.
5/4	Oh boy. Caught & banded ♂. I got One-Red-Lft & set him in ~~cage~~ cage-net set down bank from nest, in scattered shade. I think he's young. Nest O.K. Marked eggs only.
5/5	♀ on - O.K.
5/7	♀ on.
5/8	4 eggs O.K.
5/10	♀ on - 4 eggs
5/11	" "
5/12	Hatched! Caught & weighed ♀ just before huge downpour - Could not weigh or get ♂. Went back & caught ♂ 2 Young had hatched by ~1930 - 3rd comming out - 4th unpipped
5/13	Only 2 hatchlings here - 4th egg pipped - early p.m. weighed 2 kids.
5/14	Caught Replacement ♂ w/ ♂ lure & song - banded him. took out dead egg. It was really hatching (fully developed). It may have gotten too cold when comming out & other may have died, too (& removed). maybe she stayed off too long after I caught her in the rain.
5/15	Failed - nest ~~fucked~~ up.

Junco log Sheet - Nests

Nest # ST21 ♀ I.D. 3-L, Drk Blue O Yell O Drk Blue-R

Nest location Power cut N STN - near stream ♂ I.D. Red O-R, Red-L

Date Found 5/7/85 Status when found Complete

Expected Hatching Date ~5/23 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 5/12

Date	Status
5/8	Went ~0900 - ♀ there, but no egg yet.
5/9	Egg 1 today. changed it for a CB egg. She was at the nest & fussing.
5/10	2nd J- egg. Replaced it w/ X.J- egg.
5/11	3rd J- egg. Replaced it w/ Dummy egg - Eggs were warm ~0800, but ♀ off.
5/12	4th J- egg. ♀ on. measured it & returned her 3. XJ-egg gone
5/13	Not check
SN	
5/15	♀ on - 4 eggs
5/16	all ok.
5/18	" "
5/19	No check.
5/20	♀ on.
5/22	♀ on.
5/23	Failed - Lining torn out.

(E)

Junco log Sheet - Nests parasitized

{probably 1 J. egg removed}

1 CB egg

Nest # ST22

♀ I.D. S-L, White/Blck-L

Nest location Ferns between John's Creek & Horton Pond trail

♂ I.D. Lt Grn OS-R, Lav ♀ White O Blck - ♀

Date Found 5/10/85

{Status when found ♀ on 3-well-incubated eggs
1 CB egg

Expected Hatching Date ~5/17 [5/14]

Expected fledging Date 5/25

Junco eggs @ onset of incubation 3

Young hatched 3

Date at onset of incubation ~5/3

Date	Status
5/10	Found ♀ on 3 J, 1 CB egg Took CB egg. Marked only J. eggs
5/11	♀ on - 3 eggs
5/12	" "
5/13	Still 3 eggs (whew!)
5/14	all hatched. Caught & weighed ♀, & also ♂ - held him. This nest will hopefully "match" w/ WVN23.
5/15	Failed - nest empty -

Junco log Sheet - Nests

Nest # ST23 ♀ I.D. S-L, 3 Lt Blues - R

Nest location S. end of Riopel Lake & Spring Rd beginning ♂ I. D. S-R, 2 Blue/Reds - L

Date Found 5/11/85 Status when found ~~1 Junco egg in nest~~

Expected Hatching Date 5/25 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 5/14

Date	Status
5/11	~~Geomorphologist~~ Kathy found nest & left a note. Had 1 J. egg. I exchanged it for X C Begg.
5/12	2nd J. egg. Replaced it w/ X J- egg.
5/13	3rd J- egg. Replaced it w/ Dummy - ~~Later p.m.~~
5/14	4th J. egg - ♀ not there, but eggs warm. Put back her 3. Forgot to measure 4±
5/15	♀ a.m. measured 4th egg.
5/16	" "
5/18	" "
5/19	Hmm - a.m. & p.m. - 4 eggs Cold. ~20 mins late, same. Deserted?

Junco log Sheet - Nests

(E)

S-L, Pink O, Lt. Grn O, Red-R

Nest # ST24 ♀ I.D. (UR)

Nest location Behind Laundry ♂ I.D. (UR) White/D. Blue OS-R, Yell O, Red C, Lt Grn-L

Date Found 5/25/85 Status when found ♀ incubating - 4 fresh eggs

Expected Hatching Date ~~6/4~~ Expected fledging Date 6/~~10~~-15-16

Junco eggs @ onset of incubation 4 # Young hatched 2

Date at onset of incubation ~5/24

Date	Status
5/25	Adrianne found ♀ chipping - Found her on 4 fresh eggs.
5/26	all OK.
5/27	No check
5/28	O.K Val Caught Pr. in D-trap - banded.
5/29	O.K.
5/30	no check
5/31	all O.K
6/2	" "
6/3	♀ on. one egg has puncture - looks like long pip.
6/4	2 young hatched this a.m. - one egg a runt - we could see thru it - just clearish fluid - we could see air bubbles that moved around under the surface. Took it. 3rd egg unpipped.
6/5	still only 2 hatched. El + Val Caught parents + bled + weighed this a.m. Big rainstorms - El took 2 of the biggest young from 3-Lav's nest + put them in ST24's - Kept ♂?
6/6	Kids ok. Double Green ♂ hangs around.
6/7	Krissy watched nest this a.m. very foggy. D Green hangs around. only 3 young today @ ~ 1400. Both gone.
6/8	all OK
6/9	" "
6/10	Ok - Banded 2/3 Young.
6/11	Ok Day 7 - banded None.
6/12	O.K. D Green hangs out.
6/13	O.K. Day 9. K3 watched nest.
6/14	On Fledged Lake afternoon - We caught all 3 + ♀, too. Kept 2 kids so that El can catch + bleed in a.m. Both ST12 ♂ + D. green chipped + defended. Caught D. Green.
6/15	El + Val held 2 young overnite - one got weak - so she sobed young from WVN-Slav she put out SOD green-R, Yell/Brk Blue-C instead of SO red/orange-R, Yell/Blk-L. The one left was still there - Eig said he saw a ♂ feed these too. (!)
6/16	- Hmm - Not conclusive.
6/17	No Sign - D Grn ♂ acts like nothing anywhere.

Junco log Sheet - Nests

Nest # ST25 ♀ I. D. S-L, Pink ○ Lt Grn ○ Pink-R

Nest location N. side of Laing ~6.5 ft. up in Hemlock ♂ I. D. S-R, Orng/Blk ○ Red-L

Date Found 5/25/85 Status when found ♀ building

Expected Hatching Date _____ Expected fledging Date _____

Junco eggs @ onset of incubation _____ # Young hatched _____

Date at onset of incubation _____

Date	Status
5/25	Krissy & I saw ♀ carrying nesting (moss/grass) material up to branch in tree.
5/26	progressed. all ok
5/27	nest grew.
5/28-9	Looks deserted - Coarse grass stage.
~~5/30~~ 5/31	Kaput - no Δ.

Junco log Sheet - Nests

Nest # ST25-[redacted]b ♀ I.D. S-L, Pink o.l. Grn o Pink-R

Nest location In hemlock, ~~25~~ ft up, behind Chapman ♂ I.D. S-R, Grn/Blk o Red-L

Date Found 6/12/85 Status when found ♀ building

Expected Hatching Date _____ Expected fledging Date _____

Junco eggs @ onset of incubation _____ # Young hatched _____

Date at onset of incubation _____

Date	Status
6/12	We found nest - ♂ sang here. - WVNZ1 ♂ here - fights w/ ST25 ♂ Coarse grass. I can climb tree & look in.
6/15	Well - nest empty - it looks ~~as if it's a bit torn up~~ (linning). ♂ sings alot around Caing & Laundry area today.
6/17	Still empty - hmm. no sign of ♀, ♂ sings alot - all over terr,
6/19	♀ Gone?

note: ♂ always building ♀ nest in neighboring ♂♂

Junco log Sheet - Nests

WVS2 ♀

Nest # WP50 ♀ I. D.Grn OS-L, 2 Rd/Blues OS-R

Nest location Very Southern 6 ♂ I. D.S-R, Yell O Drk Blu O Yell-L

Date Found 5/4/85 Status when found ♀ incubating 4 eggs

Expected Hatching Date ~~5/8~~ 5/10 ? Expected fledging Date 5/21

Junco eggs @ onset of incubation 4 # Young hatched 4

Date at onset of incubation ~4/29 ?

Date	Status
5/4/85	Found Nest - ♀ off - eggs warm - 4 J. eggs Measured then. She was Very calm. She gave it away by chipping.
5/5	♀ on.
5/6	" " saw ♂. It's old mate. (WP26 ♂)
5/7	" - 4 eggs
5/8	" "
5/9	" " ♀ on.
5/10	Hatched! Caught & weighed ♀, + ♂. Hatched Yesterday & Today.
5/11	O.K. weighed
5/12	" "
5/13	" "
5/14	" "
5/15	only R-L + None Left.
5/16	Failed - Nest empty.

Junco log Sheet - Nests

Nest # WP50-R

♀ I.D. Lt. Grn OS4, 2 Red/Blues OS-R

Nest location WP26 terr.

♂ I.D. S-R, Yell O Dk Blue O Yell m-L

Date Found 5/25/85

Status when found ♀ building

Expected Hatching Date ~ 6/13

Expected fledging Date

Junco eggs @ onset of incubation ~~3~~ 3

Young hatched

Date at onset of incubation 6/2

Date	Status
5/25	Saw ♀ building - just starting.
5/26	Good! ♀ got to grass stage.
5/27	Complete!
5/28	- Hmm - nest ~ dug in - No egg. Pr. acting "twitchy"
5/29	No good
5/31	Oh - dug this out of the failed pile - has an egg today! I changed it for an X J. egg. This could be her 2nd - No check yesterday
6/1	♀ on 2 eggs - has the 2nd. I changed it w/ X J - egg. Not incubating.
6/2	♀ incubating - Egg "3". Returned her 2 @ ~ 2000h.
6/3	Egg 4 !! measured it - ♀ on.
6/4	♀ on - 4 eggs
6/6	♀ on
6/7	"
6/8	- ♀ on. this am - but when I went out, saw Red squirrel getting eggs! Saw it eating one above nest, remains of another near nest, 2 still in. parents chipped - by 1700 nest empty - Shit !

Junco log Sheet - Nests

Nest # WD50-R2 ♀ I. D. 2 Blue/Reds OS-L, Lt Gr OS-R

Nest location ~ 18 m N. of 1st Gate ♂ I. D. S-R, Yellow O D Blue O Yellow-L

Date Found 6/11/85 { Status when found Depression in ground ~ 2 pieces of moss

Expected Hatching Date ~6/28 Expected fledging Date

Junco eggs @ onset of incubation 3 # Young hatched

Date at onset of incubation 6/16 (6/17 on her eggs)

Date	Status
6/13	For ~ 2 days I wasn't sure if it would go. Today had beginnings of Coarse grass stage.
6/14	Egg 1! I exchanged it for a x CB egg.
6/15	Egg 2 - " "
6/16	Egg 3 - rather runtish - ♀ actually was incubating today, but I held the eggs.
6/17	♀ on - no egg 4. only 1 x CB + 1 x J - egg. I returned her 3, plus 1 from WVN 25 (6?)
6/19	♀ on - 4 eggs.
6/20	" "
6/23	" "
6/24	" "
6/25	" "
6/25	" "
6/26	" "
6/27	" "
6/28	Nest Failed ! :(

JUNCO NEST LOG SHEETS

Nest # WP50-R3 Female ID 2 Lt. Blue/Reds OS-L, 2 Lt. Grns OS-R

Nest Location Downhill bank Male ID S-R, Yell O D. Blue O Yell-L

Status When found ♀ building

Date found ~7/3/85

~~Expected~~ hatching date 7/18-19 Expected fledging date 7/29

Date of incubation onset ~7/7 # young hatched 3

# of junco eggs at onset of incubation 3

Date	Status
7/18	Forgot to do sheet - ♀ incubated O.K. 2 Young hatched today. Egg 2 had hatched by 13:30 (Just), & by 1830 only egg 3 unhatched. measured Yng.
7/19	all 3 hatched. E. caught ♀ & bled her in a.m. when I weighed late p.m. ♀ had not come back. Youngest chick was bloody (Leg) & all cold - ♂ fed. ♀ returned ~ 1800.
7/20	O.K. None gone. K.B. weighed. Put in None from WVN-24-R.
7/21	K.B. weighed.
7/22	K.B. weighed - all seem a bit light (i.e. haven't gained much wt.) or scale off.
7/23	LZ and LW weighed - ♀ not on, but both parents were in the vicinity
7/24	K.B weighed, all ok.
7/25	Banded. all o.k.
7/26	weighed the one day 7 kid (Lt B/D. Blue) other 2 kids ok. Did nest watch, ♀ didn't feed tho' - could've been me disturbing her.
7/27	O.K. K.B. watched.
7/28	ok Zig watched.
7/29	KB walked up WP - Both parents chipped - did not look in nest.
7/30	Fledged - day 12 - V & E caught & bled ♀, too.
7/31	LZ looked for kids for 30 min, both parents chipped. Saw ~~[illegible]~~ Lt Blue/Dk Blue - L and Red/orange - L. Did not have time to look for others, if they were even there.
8/1	KB looked for kids, couldn't find them, heard screams near (20) tho
8/3	KB saw 2 kids

Junco log Sheet - Nests

CB - 1 egg
1 J-egg removed.

Nest # WP51-R
♀ I.D. S-L, Lt Blue O Blk O Lt Blu-R
Nest location ~50 m. S. of old nest
♂ I.D. Blk O S-R, Grn/Brn O Lav-L
Date Found 5/20/95
Status when found ♀ building - moss straw

Expected Hatching Date 6/6
Expected fledging Date
Junco eggs @ onset of incubation "3"
Young hatched
Date at onset of incubation 5/26

Date	Status
5/20	♀ chipped @ me here - Found nest in bank.
5/21	Complete today. She is always here (both) - she chips.
5/22	" - empty.
5/23	" "
5/24	J-egg 1. Replaced it w/ X J. egg.
5/25	No egg 2. I put in an X J-egg anyway.
5/26	J-egg "3" - ♀ on. J. egg. plus CB egg. I returned her -1 egg, measured her 3rd. Took out CB egg & left (put in) X J-egg to make 4.
5/27	J-egg 4. Took out 2 X J-eggs & put in fresh J-egg from WV554-RZ. Measured #4.
5/28	♀ on.
5/29	" "
5/31	" "
6/1	all ok
6/2	♀ on
6/3	Failed! Nest empty - birds upset.

Junco log Sheet - Nests

Nest # WPS1-R2 ~6 ft up ♀ I.D. S-4 Lt Blue O Blk O Lt/Blk

Nest location In gulley of WPS1 territory, in Small Hemlock ♂ I. D. Blk O S-R Grn/Brown O Can

Date Found 6/10/85 Status when found ♀ laying - 1 egg in nest

Expected Hatching Date ~6/24 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 6/13

Date	Status
6/10	Found nest - 1 J. egg. Replaced it (by RCB) X CB egg.
6/11	Went early a.m. - Replaced J. egg 2 w/ another X CB egg.
6/12	Egg 3 - changed it for X J. egg.
6/13	Egg 4 - Returned w 3 & measured 4 th.
6/14	No check - on shift
6/16	failed - nest beginning to fall down - found shell of #3 on ground. saw ♂ w/ CB & today, on bank - hmm.

Junco log Sheet - Nests

Nest # WP51 β

Nest location Gulley - ~~[illegible]~~ WP51 near WP51-RZ ♀ I.D. UB

♂ I. D. Blk OS-2, Gin/Blwn OLav-2

Date Found 6/17/85 { Status when found ♀ building

Expected Hatching Date _____ Expected fledging Date _____

Junco eggs @ onset of incubation _____ # Young hatched _____

Date at onset of incubation _____

Date	Status
6/17	El. found ♀ building - The UB ♀ I saw ♂ w/ yesterday! where is his ♀?
6/20	Found nest - it's way up ~ 10 ft.
6/25	didn't locate nest :(
7/3	nest empty

See WP68 / WP51β-R

∴ this could be the same ♀ as WP68 = WP51RB

building

6/17 "

6/19 1st

6/20 2nd

21 3rd

22 4th

23 on-5 egg

24

6/25

Junco log Sheet - Nests

Blk OS-R, Grn/Brwn ♂ Lav-L

This almost certainly same UB ♀ that the WP34 ♂ got

Nest # WP68 (WP51-β-R)

♀ I.D. ~~UB~~ Rd/DKBlu OS-L 2Rd/D. Blues-R

Nest location Tag 6 WP Rd.

♂ I.D. ~~UB Yel ODK.Blu O Yel L, S-R~~

Date Found 6/25/85

Status when found 5 eggs incubating

Expected Hatching Date ?

Expected fledging Date

Junco eggs @ onset of incubation 5

Young hatched

Date at onset of incubation

Date	Status
6/25/85	Found UB ♀ on 5 eggs! UB ♂ chipping @ me while taking meas. too.
6/26/85	5 eggs, ♀ on.
6/27/85	Caught UB ♀ in sq trap w/ her mate yel ∅ Blu O yel (he was caught earlier w/ lure ♂ in sq trap). Banded ♀, thought she'd deserted but @ 1900 I saw her on!
6/28/85	♀ on, 5 eggs.
6/30	" " " "
7/1	" " " "
7/2	" " " "
7/3	" " " "
7/4	Failed - Nest only had 1 egg. El. took it. Saw Pr. later p.m. being "courty" Nearby on bank (~tag 7-8)

JUNCO NEST LOG SHEETS

Nest # WP 51 β?-R Female ID ~~Orng~~ Red/O. Blues-L, 2 ~~Orng~~ Red/O. Blues-R

Nest Location WP51 gulley-Hemlock near WP51-R2 (8)-(9) Male ID ?

Status When found ♀ building

Date found 7/4/85

Expected hatching date 7/18 Expected fledging date

Date of incubation onset 7/7 # young hatched

# of junco eggs at onset of incubation 3

Date	Status
7/6	Krissy says Nest complete - saw ♀ w/ WP50 ♂. I've seen her w/ WP51 ♂ Hmm
~~7/7~~	~~[illegible]~~
7/7	El & I checked, a bit skimpy on the deer hair, no chips, no juncos around.
7/8	No change - possibly ♀ has picked another spot.
7/9	wierd ... nest fills "fuller" more grass etc., but she chipped at me on rd near another band new nest? Possibly a different ♀ in finishing this nest??? Will have to wait & see.

JUNCO NEST LOG SHEETS

Treatment Group

Nest # WP51 B-Rb

Female ID Rd/D.Blue OS-L, 2 Rd/D Blues-R

Nest Location WP(7)

Male ID presum Black OS-R Green/Brown O Yav-L

Status When found coarse grass.

Date found 7/9/85

Expected hatching date ~ 7/25

Expected fledging date

Date of incubation onset 7/14

young hatched

of junco eggs at onset of incubation 2

Date	Status
7/9/85	grass stage. ♀ chipping on rd. looked in uphill bank, found nest, very fresh looking. Put green leaf in at 0900- @ 1200 leaf gone!
7/11	Doesn't seem to be active now!
7/13	Oh boy! Krissy saw that she had laid 2 eggs- measured them.
7/14	♀ off, but chipping nearby, 2 eggs cold.
7/15	♀ on - only 1st 2 eggs!
7/17	" "
7/18	Failed!! Saw Lt. Blu O Blk O Lt. Blue ♀ w/ another B ♂ today in WP55 area!

Junco log Sheet - Nests

Nest # WP51 ♀ I. D. (UB) S-L, Lt Blue O Blck O Lt Blue - R

Nest location WP25 area (S.) ♂ I. D. WP34 ♂

Date Found 5/4/85 { Status when found almost complete nest

Expected Hatching Date ~5/21 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 5/10/85

Date	Status
5/4	Found nest almost complete - Needs hair. No birds.
5/5	Nest complete!
5/6	CB egg in nest today. Marked it 1 & left it.
5/7	J. egg 1, plus a new CB egg (diff. ♀).
5/8	J. egg 2, plus a new CB egg. CB egg 11 is gone - this one looks like it came from ♀ # 1. Caught ♀ CB in ☐ trap here today. Juncos were tseetsing all around w/the CB there.
5/9	3rd J. egg here. I thought because egg are so small maybe this is a warbler nest; however, I caught & banded the UB ♀ here today, and the ♀ at WP52 is Lav O Drk Blue O Lav (WP21 ♀)! She was (WP51 ♀) sitting on her nest today at ~ 1715.
5/10	♀ on. all ok.
5/11	" "
5/12	" "
5/13	" "
5/14	" "
5/15	" "
5/16	" "
5/17	Fine this a.m. - By ~1640 nest empty - Failed.

2° Female ?
3 day behind WP52

Junco log Sheet - Nests

Nest # WP52 ♀ I.D. S-L, Lav. O Drk Blu. O Lav. R

Nest location WP7 area - ♂ I.D.

Date Found — Status when found 1 egg in nest

Expected Hatching Date 5/18 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 5/7/84

Date	Status
5/4	Found nest - 1 J. egg. Replaced it w/ CB egg.
5/5	went late - but ok. J. egg 2. Replaced it w/ dummy egg. Now 1 x CB & 1 Dummy J. egg.
5/6	J. egg #3. I replaced it w/ X J. egg. Now nest has X CB, X J, & Dummy CB egg.
5/7	J. egg 4 - ♀ incubating, but gone (oops) - no time to wait for her. Returned her clutch & measured 4th. No Parasitism.
5/8	all ok. ♀ incubating, but still haven't seen her. When (B w/) caught in trap, she was off.
5/9	♀ on. I saw her bands today - she is the WP21 ♀. Her close neighbor, WP51 appears to sort of boss her around - but how can this be - She is older, & nested 1st (!)
5/10	♀ on.
5/11	" "
5/12	" "
5/13	Only 2 eggs - Cold. Probably deserted.
5/14	Eggs gone - Found Grass-stage nest just ~ 30 yds S of old.

1° Female
3 day
[illegible] WP51

Junco log Sheet - Nests

Nest # WP53 ♀ I.D. (VB)

Nest location ~~WP23 ma~~ (WP31) (W of WP9) ♂ I. D.

Date Found 5/4/85 { Status when found ♀ incubating 4 J. eggs Fresh.

Expected Hatching Date 5/15/85 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation

Date	Status
5/4	Found nest ♀ on - Flushed her - on 4 eggs - Measured eggs
5/6	Caught & Netted Pair - Oh Shit. I had thought they were well along!! It was late afternoon by the time I caught them. Hope she's O.K. !!!!!!! Grrr--.
5/7	all O.K. ♀ on.
5/8	Not check -
5/9	♀ ON - all OK.
5/11	♀ on - O.K.
5/12	" "
5/13	still eggs - but only 3 now.
5/14	Failed - eggs gone - Linning - torn out.

Junco log Sheet - Nests

(CB-1egg)

Pink OS-L, Dk Blue O Pink O

Nest # WP53-R

♀ I.D. Pnk-R

Nest location ~20m. S. of old

♂ I.D. Red OS-R, 2 Blck/Grns-L

Date Found 5/17/25

Status when found ♀ building

Expected Hatching Date 6/3

Expected fledging Date

Junco eggs @ onset of incubation 4

Young hatched

Date at onset of incubation 5/23

Date	Status
5/23	♀ on 4th egg. Parasitized - I chaged eggs Egg 4 today.
5/24	No check
5/25	♀ on.
5/26	" "
5/27	" "
5/28	" "
5/29	Nest empty - Failed

Junco log Sheet - Nests

(E)

(UB) 4 Gin 05-L1

Nest # WP54 ♀ I.D. ~~EB~~ 2 Blck/Reds - R White/Blck 05 - R, Orange O

Nest location WP10 area - S. of WP31 ♂ I. D. White O Orange - L

Date Found 5/4/85 Status when found ~~♀ incubating 4 eggs.~~ 5/5

Expected Hatching Date ~~5/16~~ Expected fledging Date ~~5/26~~ 5/26

Junco eggs @ onset of incubation 4 # Young hatched 4

Date at onset of incubation ~~5/6~~ 5/5

Date	Status
5/4	Found nest - eggs cold & Fresh. No ♀ seen. Measured eggs
5/6	♀ on - Flushed her - UB. Flew very long X rd.
5/7	O.K. - 4 - eggs
5/9	♀ on. Saw ♂ today - he chipped alot @ me.
5/11	" Caught & banded her
5/13	" " ♀ on.
5/14	" "
5/15	" "
5/16	all hatched - Yesterday Caught ♀, & ♂ - held him.
5/17	Nest empty - Failed.

Junco log Sheet - Nests

(C)

Nest # WP54R (46)

♀ I.D. Lt Grn O S-L, 2 Blck/Reds-R

Nest location N. of WP10

♂ I. D Blak/Blck O S-R, 2 Lt Blue/Reds - L

Date Found 5/27/85

Status when found ♀ incubating 3 fresh eggs

Expected Hatching Date ~~6/7~~ 6/7

Expected fledging Date ~6/18

Junco eggs @ onset of incubation 3

Young hatched 3

Date at onset of incubation 5/27

Date	Status
5/27	Krissy saw a B pair ~ ♂ chipped w her. We looked for nest & found it w/ 3 fresh eggs, warm.
5/28	Egg 4. Did not measure- too rainy - Confirmed pr. I.D.
5/29	♀ on
5/31	" "
6/1	" Only 3 eggs today!
6/6	♀ on.
6/7	2 hatched- egg # 4 pipped @ ~ 1930.
6/8	3rd egg hatched - Set net & caught ♀, but she got out.
6/9	OK - we caught ♀ - El. Bled her.
6/10	OK - Krissy weighed.
6/11	outs.
6/12	Oh shit - Failed

Junco log Sheet - Nests

No CB egg, but 2 sub eggs stolen

Lt Blue / Red O ? - R,

Nest # WP55 ♀ I.D.

Nest location WP4 Terr (N. of Rock face) ♂ I.D. Orange/Blue O S-P, Pink O Dk Blue O Red-L

Date Found 5/6/85 Status when found Nearly complete

Expected Hatching Date 5/22 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 5/13/85

Date	Status
5/6	Found nest in bank - Not there 2 days ago. almost done
5/7	Oh boy - nearly complete - all hair-lined.
5/8	Nest still empty - but saw ♂ + ♀. ♂ is WP29N ♂; ♀ bands don't fit (she was in nest). I'll have to look again.
5/9	Nest still empty(!) No birds.
5/10	Egg 1 today! Exchanged it for X J. egg.
5/11	Egg 2. Exchanged it for CB egg.
5/12	Egg 3. This was wierd - all other eggs gone except new one. I replaced it w/ an X CB egg.
5/13	Egg 4 - ♀ on only the X CB + her new egg. Put back her 3, measured
5/14	4th Failed - all eggs gone -- Grrr... who is she?

Junco log Sheet - Nests

Nest # WP56 → towards WP11 ♀ I.D. (UB)

Nest location ~ 40m N. of WP55 ♂ I. D.

Date Found 5/6/85 Status when found Fine grass stggs

Expected Hatching Date 5/27 Expected fledging Date

Junco eggs @ onset of incubation 3 # Young hatched

Date at onset of incubation 5/16 ? or 15

Date	Status
5/6	Found nest alone. Left it (No leaf - forgot)
5/7	O.K. ♀ still building - saw her bringing grass @ ~10:15. Chipped @ me.
5/8	Nest has hair
5/9	Empty nest - complete.
5/10	Still empty. Put in Grn Leaf.
5/11	" " Leaf gone.
5/12	still empty! - maybe kaput.
5/13	Yay - 1st J- egg! Exchanged it for CB egg
5/14	J- egg 2, but sub CB egg gone. I replaced it w/ X CB egg. Probably will undergo same fate as WP55.
5/15	J. egg 3. Only CB & her egg. Replaced it w/ X J-egg.
5/16	♀ on - No new eggs. Returned her 3.
5/17	♀ on.
5/18	3 eggs cold - ♀ not here. Deserted?
5/20	OOPS - ♀ off - forgot to check. I think empty?
5/21	Empty - Failed

Junco log Sheet - Nests

~~yell O S-L, Lt Grn O Orange~~

Nest # WP57 ♀ I.D. (Φ B)

Nest location Ground N. bend of Rock face (WP28 area) ♂ I. D. S-R, Grn/Blck-L

Date Found 5/6/85 {Status when found 1 J. egg in - some debris, too.

Expected Hatching Date ~5/20 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 5/9/85

Date	Status
5/6	Found Nest. Had a dead leaf & some moss in it. I removed it. also 1 nice J. egg. I measured & marked it 1. No sub eggs. Left it.
5/7	O.K. 2nd J. egg. I Replaced them w/ X CB & Dummy J. egg.
5/8	3rd J. egg. Replaced it w/ X J. egg.
5/9	4th J. egg. ~~OK I + IS worst ♀ shes on. measured egg & returned her ♂~~ measured egg - replaced her ♂. ♀ on
5/10	♀ on Saw ♂, he is S-R, Grn/Blck-L.
5/11	~~♀ off eggs warm~~. ♀ on.
5/12	♀ on.
5/13	" "
5/14	only 2 eggs - Cold. Probably failed. saw Pair nearby p.m. - maybe new nest here.

Junco log Sheet - Nests

Yellow OS - L, Lt Grn O

Nest # NP58 ♀ I.D. ~~[illegible]~~ O. orange - ~~O~~ Drk Bl

Nest location Rock Face ♂ I.D. Orange/Blue OS - R, 3 orange/Blues - L

Date Found 5/8/85 { Status when found 2 eggs in Nest

Expected Hatching Date 5/21 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 5/10

Date	Status
5/8	Just hunting around on downhill slope - saw the pair here yesterday. 2 Fresh eggs. I replaced them w/ a CB + X-J-egg.
5/9	3rd egg. Replaced it w/ dummy J-egg. Got a better look @ the ♀ today - I think she is the WVS37 ♀ w/out a Green band over others on the Rt. leg.
5/10	♀ on - 4th egg. Measured it & returned her 3. She is WVS37 ♀ - has all bands.
5/11	♀ off - eggs warm.
5/12	Oh dear - very wierd. ♀ is now building a nest X the Rd. Her 4 eggs were fine - cold, & a snail was on them. (!) ☹
5/13	All cold - Took eggs - The Nest she was working on yesterday - Not Progressed

Junco log Sheet - Nests

Nest # WP58-R

Nest location X Rd from WP58

Date Found 5/13/85

♀ I. D. Yell OS-L, Lt Grn O Orngc O Drk Blue-R

♂ I. D. Orngc/Blue OS-R, 3 Orngc/Blue-L

Status when found ♀ building - moss stage

Expected Hatching Date 5/30

Expected fledging Date

Junco eggs @ onset of incubation

Young hatched

Date at onset of incubation

Date	Status
5/15	Complete today - saw ♀ here w/ hair - & ♂ - they chipped.
5/16	J-egg 1. I just left it - forgot to mark or measure!!
5/17	J-egg 2. Found one egg in Rd, broken. Only 1 J-egg in nest. Late a.m. I exchanged it w/ X-J-egg. By ~ 1635 this was gone.
5/18	Nest empty...

Junco log Sheet - Nests

Nest # WP58-R2 ♀ I.D. Yellos-L,

Nest location ~20 m. down below Rd - Rock face - under rock. ♂ I. D. Lt Blue/Orange OS-R, 3 Lt Blue/Orng-L

Date Found 5/29/85 { Status when found ♀ on 4 fresh eggs

Expected Hatching Date ~6/8 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation ~5/28 ?

Date	Status
5/29	almost stepped on ♀ on nest - 4 fresh eggs!
5/31	♀ on
6/1	" "
6/4	Oh! failed! only 1 nice greenish egg left - cold. I took it.

Junco log Sheet - Nests

Nest # WP58-R3 ♀ I. D. Yellow-L, Lt Grn O orng O, Dk Blue-R

Nest location on Rock face bank - near WP58-R ♂ I. D. Orng/Blue O-R, 3 Orng/Blue-L

Date Found 6/6/85 Status when found ♀ building

Expected Hatching Date ~6/23 Expected fledging Date

Junco eggs @ onset of incubation 4 # Young hatched

Date at onset of incubation 6/3

Date	Status
6/6	♂ chipped @ me - ♀ came & chipped - glanced in - looks like an old
6/7	unfinished nest is being worked on. Found the WP58-R nest that looks as if it has been relined w/ coarse grass.
6/8	Has hair - looks good.
6/9	Oh - an egg! Xchanged it for X CB egg.
6/10	Egg 2 - I put in X J. egg
6/11	Egg 3 - ♀ on early this a.m. Put in Dummy J-egg & took her 3rd.
6/12	Egg 4 - ♀ on. Gave her eggs back - took out 3 obs. Did not measure 4th rain
6/13	♀ on - measured 4th egg.
6/14	Failed - nest empty. I think I found new spot.

JUNCO NEST LOG SHEETS

(E)

Nest # WP58-R4 Female ID Yell OS-R, Lt. Grn O D. Blue O Orange-R

Nest Location Rock face in Gulley Male ID Orange/Lt Blue OS-R, 3 Orange/Lt Blues-L

~~uphill bank~~ down from (14)

Status When found ♀ building -

Date found ~~7/6/85~~ 7/16/85

~~Expected~~ hatching date 7/25 Expected fledging date ~8/5 - 6

Date of incubation onset ~7/13 # young hatched 3

# of junco eggs at onset of incubation 3

Date	Status
7/7	E.K. + K.B. saw it - progressed to grass stage. Pr. chipped @ them here yesterday.
7/8	found another nest just south of one E.K. + I found - also grass stage. Put green leaves in both nests.
7/9	No sign of either ♂ or ♀, both leaves shrivelled :(- looked on uphill & downhill banks thoroughly - found nothing.
7/11	K.B. saw pr. in gulley - got chipped @. Saw WP60 ♂ w/ WP58 ♀
7/14	looked for pr - Saw ♀ only - heard alot of juncos & possibly fledglings too may be here??
7/17	- K.B. Found nest - in gulley Yesterday - 3 chalky eggs - Unhatched today.
7/18	Unhatched.
7/19	"
7/21	still unhatched.
7/22	still unhatched.
7/23	both adults chipping by nest, one went for a chipmunk, still eggs
7/24	still unhatched 3 eggs, but one is possibly pipped
7/25	didn't check. :(
7/26	all eggs were hatched, one looks DAY 0 Today, the other 2 DAY 1 Today. V & El. caught + weighed ♀. Took ♂.
7/27	O.K.
7/28	ok. KB did watch & weighed kids. WP 61 ♂ & nearby.
7/29	all ok K.B weighed, ♀ chipping at me.
7/30	all ok, K.B weighed.
7/31	K.B did nest watch. all ok. put ID colors on only. DAY 6
8/1	KB Banded & weighed, ~~Red~~-L=(yel/Blk) has hurt Rt. leg, it has a funny bend on the tarsus & R-L holds leg close to itself - looks swollen a little :(- took tars. meas. on left leg. Others all ok.
8/2	♀ accidently killed by rodent in net. K.B brought nest w/ Young in.

Junco log Sheet - Nests

Nest # WP59 ♀ I.D. (CB)

Nest location WP9 Territory ♂ I. D.

Date Found 5/9/85 Status when found Nest Complete - empty

Expected Hatching Date 5/26 Expected fledging Date

Junco eggs at onset of incubation 4 # Young hatched

Date at onset of incubation 5/15 or 16

Date	Status
5/9	Found empty nest. Looks new.
5/10	Still empty. Put in Gr. Leaf.
5/11	" " - Green leaf gone,
5/12	0-boy. J. egg 1 today. Exchanged it for X CB egg.
5/13	J-egg 2. Replaced it w/ X J- egg.
5/14	3rd J- egg. Replaced it w/ X J-egg.
5/15	Failed- only 2 eggs in nest - 4 in ~~X~~ J. egg. X CB egg dumped over side - w/ hole in it. I put her eggs back anyway.
5/16	Oh- she's on! Incubating the 4 eggs - She's UB.
5/17	4 eggs warm -
5/18	4 eggs cold! No ♀.
5/20	Oh boy - ♀ on - only 3 eggs, but ♀ is on!
5/21	♀ off.
5/22	Oh well. Failed. nest empty.

Junco log Sheet - Nests

Nest # WP ~~[illegible]~~ 60 ♀ I. D. Orngc/Blck O S-L, Yell O White-R

Nest location ~~[illegible]~~ Rockface ♂ I. D. (UB) Blck/Orngc O S-R, Lt Grn O White-L

Date Found 5/12/85 { Status when found ♀ incubating 3 J-eggs

Expected Hatching Date ~~5/20~~ 5/16 Expected fledging Date 5/26

Junco eggs @ onset of incubation 3? # Young hatched 3

Date at onset of incubation 5/5

Date	Status
5/12	Found ♀ on 3 J-eggs. They chipped @ me here yesterday.
5/13	still eggs.
5/14	" "
5/15	" "
5/16	all 3 hatched - last one this P.M. No time to catch.
5/17	Caught ♀ + ♂ - Banded ♂ + weighed ♀. She was ~1 g. lighter today than @ beginning of incubtn, when I caught her 5/7. Later p.m. R-Rt was dead in nest, + other 2 kids very weak.
5/18	Deserted. 2 Young remain in nest - ice cold. I thought dead, but they were alive. We took them + warmed them. None came back, but R=L died. Put "None" into WVN21 (hatched today) + made it "Both".