

REPORT TO THE U. S. FISH AND WILDLIFE SERVICE
ON THE RESULTS OF THE FIFTH YEAR OF AN HERPETOFAUNAL SURVEY OF
ST. VINCENT NATIONAL WILDLIFE REFUGE
DURING DECEMBER 2003 AND JANUARY 2004

Primary Participants: Joseph T. Collins (PI), Jerry D. Collins, Suzanne L. Collins, Kelly J. Irwin, Lisa K. Irwin, Michael Rochford, Curtis Schmidt, John Stoklosa and Travis W. Taggart (plus other volunteers as noted in the text).

23 December 2003

Left lodging for SVNWR at 7:30 am in Collins vehicle. Temperature was 58°F. Accompanied by SLC, as well as Alex Pyron (volunteer field assistant). Did USFWS contract work on St. Vincent National Wildlife Refuge from 10:00 am to 4:30 pm. Observed the following:

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

Scincella lateralis – 1 adult under Board 79

Agkistrodon piscivorus – 1 subadult under Board 81

Sistrurus miliarius – 1 adult under Sheet Metal 61

Florida: Franklin Co: SVNWR at Cabin

Rana sphenoccephala – 1 adult near Board 3

Boards 1 & 2 are missing

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – under Board 6

Scincella lateralis – under Board 36

Florida: Franklin Co: SVNWR, Lake 3-4 WCS

Hyla squirella – 1 adult male calling

Alligator mississippiensis – 5 large adults sunning

Cemophora coccinea – 2 adults under Board 85

Florida: Franklin Co: SVNWR, Rattlesnake Slough

Virginia striatula – under Board 37

Florida: Franklin Co: SVNWR, Dune Road

Sistrurus miliarius – 2 adults & 1 juv under Board 105

Sistrurus miliarius – 1 adult & 1 juv under Board 108

Florida: Franklin Co: SVNWR, Oyster Pond WCS

Hyla squirella – 1 adult male calling

Florida: Franklin Co: SVNWR, near jet Dune Road & Road A

Hyla squirella – 1 adult male calling

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

Bufo terrestris – 1 adult under Board 113

Returned to lodging at 6:00 pm. Temperature was 65°F. Prepared field notes.

24 December 2003

Left lodging for SVNWR at 7:30 am in Collins vehicle. Temperature was 58°F. Accompanied by SLC, as well as Alex Pyron (volunteer field assistant). Did USFWS contract work on St. Vincent National Wildlife Refuge from 9:30 am to 4:30 pm. Observed the following:

Florida: Franklin Co: SVNWR, at Cabin

Replaced Boards 1-2

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

Hyla squirella – 1 adult near Board 57

Anolis carolinensis – 1 adult under Sheet Metal 74

Scincella lateralis – 1 adult under Board 80

Scincella lateralis – 1 adult under Board 82

Agkistrodon piscivorus – 1 subadult under Board 82

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – 1 adult under Sheet Metal 47

Scincella lateralis – 2 adults under Sheet Metal 45

Florida: Franklin Co: SVNWR, jct. Dune Road & Charlie Road

Thamnophis sauritus – 1 juv along marsh edge just north Sheet Metal 48

Florida: Franklin Co: SVNWR, Lake 3-4 WCS

Alligator mississippiensis – 3 large adults basking

Sistrurus miliarius – remains of 1 adult found dead near Board 84

Florida: Franklin Co: SVNWR, Rattlesnake Road

Coluber constrictor – 26 eggs in rotting log near Board 91

Florida: Franklin Co: SVNWR, Rattlesnake Slough WCS

Rana sphenoccephala – 1 adult under Board 38

Florida: Franklin Co: SVNWR, Coast Guard RR Ties

Anolis carolinensis – 1 adult under RR tie

Scincella lateralis – 2 adults under rotten log

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – 1 adult Board 105

Scincella lateralis – 1 adult under bark north of Board 105

Sistrurus miliarius – 2 adults under Board 105

Sistrurus miliarius – 1 adult & 1 juv under Board 108

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

Bufo terrestris – 1 adult under Board 113

Returned to lodging at 6:00 pm. Temperature was 53°F. Prepared field notes.

26 December 2003

Left lodging for SVNWR at 7:00 am in Collins vehicle. Temperature was 43°F. Accompanied by SLC, as well as Alex Pyron, Greg Pyron, Kelly Irwin & Lisa Irwin (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 10:30 am to 4:45 pm. Observed the following:

Florida: Franklin Co: Road B (Cabin Road) along Oyster Pond

N29.64081

W85.13631

Alligator mississippiensis – 3 subadults (ca 4 feet) basking at 10:30 am

Florida: Franklin Co: Road B (Cabin Road)

N29.64197

W85.13802

Set Boards 115 & 116

Florida: Franklin Co: Road B (Cabin Road)

Agkistrodon piscivorus – 1 subadult under Board 82

Sistrurus miliarius – 1 adult under Board 77

Florida: Franklin Co: Road B (Cabin Road)

N29.63519

W85.10497

Set Boards 117–119

Florida: Franklin Co: Lake 3-4 WCS

Alligator mississippiensis – 1 large adult basking

Cemophora coccinea – 1 adult under Board 85

Florida: Franklin Co: Road E

N29.63902

W85.11478

Set Board 120 (5 pieces of wood)

Florida: Franklin Co: Road B (Cabin Road)

N29.63313

W85.12033

Set Board 121 (5 pieces of wood)

Thamnophis sauritus – 1 adult near Board 121

Florida: Franklin Co: Rattlesnake Road

Thamnophis sauritus – 1 adult (dead) in road near Board 89

Thamnophis sauritus – 1 adult (alive but fatally injured) in road near Board 89

Sistrurus miliarius – 1 juv under Board 91

Florida: Franklin Co: Rattlesnake Slough

Thamnophis sauritus – 1 subadult active by day

Florida: Franklin Co: Dune Road

Anolis carolinensis – 1 adult near Board 68

Scincella lateralis – 1 adult under Board 67

Thamnophis sauritus – 1 subadult under Board 67

Sistrurus miliarius – 1 juv under Board 68

Florida: Franklin Co: Dune Road

Sistrurus miliarius – 1 adult & 1 juv under Board 105

Sistrurus miliarius – 1 adult & 1 juv under Board 108

Florida: Franklin Co: Road A

Hyla squirella – 1 adult near Board 51

Anolis carolinensis – 3 adults near Board 51

Eumeces laticeps – 1 juv near Board 51

Scincella lateralis – 1 adult near Board 51

Thamnophis sauritus – 1 adult active near Board 5

Florida: Franklin Co: Road A

N29.64975

W85.15558

Anolis carolinensis – 5 adults under pine bark

Pantherophis alleghaniensis – 1 juv under bark of standing dead pine tree

Florida: Franklin Co: Road E

N29.65218

W85.12945

Hyla cinerea – 1 adult under bark

Anolis carolinensis – 2 adults under pine bark

Eumeces laticeps – 1 juv under bark

Pantherophis alleghaniensis – 1 juv shed skin

Thamnophis sauritus – 1 adult inside dead log

Agkistrodon piscivorus – a skeleton with skull

Returned to lodging at 6:00 pm. Temperature was 53°F. Prepared field notes.

29 December 2003

Left lodging for SVNWR at 7:30 am in Irwin vehicle. Temperature was 58°F. Accompanied by Alex Pyron, Kelly Irwin & Lisa Irwin (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 10:30 am to 4:45 pm. Observed the following:

Florida: Franklin Co: SVNWR, Road D near jct with Road 5

N29.65034

W85.13772

Anolis carolinensis – 3 adults under bark on standing dead pine tree

Eumeces laticeps – 5 adults under bark on standing dead pine tree

Florida: Franklin Co: SVNWR, Road D

N29.64889

W85.13636

Anolis carolinensis – 3 adults under bark on standing dead pine tree

Eumeces laticeps – 3 adults & 1 juv under bark on standing dead pine tree

Agkistrodon piscivorus – 1 adult active along marsh edge

Florida: Franklin Co: SVNWR, Road D

N29.64683

W85.13434

Hyla cinerea – 1 subadult under bark on standing dead pine tree

Rana sphenoccephala – 2 adults active along water edge

Anolis carolinensis – 12 adults under bark on standing dead pine tree

Thamnophis sauritus – 1 adult female active by day

Florida: Franklin Co: SVNWR, Road D

N29.64371

W85.13279

Hyla cinerea – 1 adult under bark on standing dead pine tree

Anolis carolinensis – 1 adult under bark on standing dead pine tree

Florida: Franklin Co: SVNWR, Road D

N29.64263

W85.13481

Hyla cinerea – 1 adult on live pine tree

Rana sphenoccephala – 1 subadult in cabbage palm

Pantherophis guttatus – 1 juv on dead pine stump (got shed skin)

Sistrurus miliarius – 1 adult active near cabbage palm

Florida: Franklin Co: SVNWR, Rattlesnake Road

Scincella lateralis – under Board 90

Florida: Franklin Co: SVNWR, Lake 3-4 WCS

Alligator mississippiensis – 5 adults sunning

Cemophora coccinea – 2 adults under board 85

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

Thamnophis sauritus – 1 adult active near Board 78

Agkistrodon piscivorus – 1 adult under Board 82

Sistrurus miliarius – 1 adult under Board 77

Sistrurus miliarius – 1 adult active near Board 78

Florida: Franklin Co: SVNWR, Road 7

N29.64702

W85.10603

Rana sphenoccephala – 1 subadult active in road pool

Eumeces laticeps – 3 adults under bark on standing dead pine tree

Sistrurus miliarius – 1 adult basking near stump hole

Florida: Franklin Co: SVNWR, Shell Road

N29.64831

W85.09987

Rana sphenoccephala – 1 adult active at edge of marsh

Anolis carolinensis – 2 adults under bark on standing dead pine tree

Eumeces laticeps – 1 adult & 1 juv under bark on standing dead pine tree

Virginia striatula – 3 adults under bark on standing dead pine tree

Agkistrodon piscivorus – 1 subadult basking

Florida: Franklin Co: SVNWR, Road G

N29.65566

W85.10252

Eumeces laticeps – 5 adults & 1 juv under bark on standing dead pine tree

Thamnophis sauritus – 1 juv under bark on standing dead pine tree

Returned to lodging at 6:00 pm. Temperature was 62°F. Prepared field notes.

30 December 2003

Left lodging for SVNWR at 7:30 am in Collins vehicle. Temperature was 53°F. Accompanied by SLC, as well as Alex Pyron, Kelly Irwin & Lisa Irwin (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 9:30 am to 4:45 pm. Observed the following:

Florida: Franklin Co: SVNWR, Lake 3-5 WCS

Set Board 122 (4 sheets of plywood)

Alligator mississippiensis – 1 adult basking

Cemophora coccinea – 1 adult under Board 85

Florida: Franklin Co: SVNWR, Road E

N29.63749

W85.11355

Set Board 123 (4 sheets of plywood)

Florida: Franklin Co: SVNWR, Road E

N29.63514

W85.11132

Anolis carolinensis – 1 adult under bark on standing dead pine tree

Eumeces laticeps – 1 adult under bark on standing dead pine tree

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

N29.63385

W85.11164

Set Board 124 (2 sheets of plywood up on sand ridge)

Set Board 125 (2 sheets of plywood near pond edge)

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

N29.63814

W85.12983

Set Board 126 (4 sheets of plywood)

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

N29.63983

W85.13410

Set Board 127 (2 sheets of plywood on W side of Oyster Pond-Road B WCS)

Set Board 128 (2 sheets of plywood on E side of Oyster Pond-Road B WCS)

Florida: Franklin Co: SVNWR, Road D at Deadend Road

N29.64342

W85.13289

Scincella lateralis – 2 adults under logs

Florida: Franklin Co: SVNWR, Road F between Roads 4 & 5

N29.65910

W85.13380

Eumeces laticeps – 1 adult under bark on standing dead pine tree

Florida: Franklin Co: SVNWR, Road F between Road 6 & Lake 3

N29.64742

W85.11843

Hyla cinerea – 1 adult active

Eumeces laticeps – 1 adult under bark on standing dead pine tree

Florida: Franklin Co: SVNWR, Road 6

N29.65002

W85.12015

Eumeces laticeps – 1 adult under bark on standing dead pine tree

Thamnophis sauritus – 1 subadult active near water

Thamnophis sauritus – 1 adult found dead (posterior third of body intact)

Florida: Franklin Co: SVNWR, Road G at Road 7

N29.65447

W85.10052

Scincella lateralis – 1 adult under bark on standing dead pine tree

Thamnophis sauritus – 1 adult active

Florida: Franklin Co: SVNWR, Cabin bridge

Anolis carolinensis – 1 adult basking

Florida: Franklin Co: SVNWR, Pickalene Road

N29.68117

W85.16418

Eumeces laticeps – 1 adult & 1 juv under bark on standing dead pine tree

Coluber constrictor – 17 spent eggs in cabbage palm

Florida: Franklin Co: SVNWR, jct. Pickalene Road & Road 3

N29.68077

W85.16142

Rana sphenoccephala – 1 adult active near water

Ophisaurus ventralis – 1 juv under Live Oak log

Florida: Franklin Co: SVNWR, Road 2

N29.67968

W85.18379

Eumeces laticeps – 1 adult female under bark on standing dead pine tree

Returned to lodging at 5:45 pm. Temperature was 61°F. Prepared field notes.

31 December 2003

Left lodging for SVNWR at 7:45 am in Collins vehicle. Temperature was 52°F. Accompanied by SLC, as well as Alex Pyron, Kelly Irwin & Lisa Irwin (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 10:00 am to 4:45 pm. Observed the following:

Florida: Franklin Co: SVNWR, Road A

N29.64457

W85.15220

Sistrurus miliarius – 1 adult under log

Florida: Franklin Co: SVNWR, Dune Road

Scincella lateralis – 2 adults under Board 71

Florida: Franklin Co: SVNWR, Dune Road

Sistrurus miliarius – 1 adult under Board 108

Florida: Franklin Co: SVNWR, Rattlesnake Road

Sistrurus miliarius – 1 juv under Board 91

Florida: Franklin Co: SVNWR, Dune Road

Crotalus adamanteus – 1 adult (ca. 40 inches) at entrance to *Gopherus* burrow near Board 9

Florida: Franklin Co: SVNWR, Lake 3-4 WCS

Alligator mississippiensis – 3 adults basking

Cemophora coccinea – 1 adult under Board 85

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

Alligator mississippiensis – 1 adult basking near Board 114

Scincella lateralis – 1 adult under palm frond near Board 114

Florida: Franklin Co: SVNWR, jct. Road B & Road D

N29.64145

W85.13735

Hyla cinerea – 1 adult in dead cabbage palm

Eumeces laticeps – 1 adult in dead cabbage palm

Pantherophis alleghaniensis – 1 subadult in dead cabbage palm

Florida: Franklin Co: SVNWR, Dune Road

Hyla cinerea – 2 adults in standing dead pine near Board 45

Anolis carolinensis – 1 adult under Board 8

Anolis carolinensis – 1 adult under Board 45

Anolis carolinensis – 2 adults active near Board 45

Thamnophis sauritus – 1 juv under Board 45

Sistrurus miliarius – 1 adult under pine log near Board 45

Florida: Franklin Co: SVNWR, just SE of Cabin

Anolis carolinensis – 1 adult active near Board 55

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

Scincella lateralis – 1 adult under Board 79

Scincella lateralis – 1 adult under Board 80

Scincella lateralis – 1 adult under Board 82

Agkistrodon piscivorus – 1 adult under Board 82

Sistrurus miliarius – 1 adult under Board 77

Florida: Franklin Co: SVNWR, Road E

N29.63985

W85.11569

Hyla cinerea – 1 adult in cabbage palm

Florida: Franklin Co: SVNWR, Road E at the BC

N29.63799

W85.11396

Apalone ferox – partial skeleton of adult

Returned to lodging at 5:00 pm. Temperature was 61°F. Prepared field notes.

2 January 2004

Left lodging for SVNWR at 7:30 am in Collins & Irwin vehicles. Temperature was 57°F. Accompanied by SLC, as well as Lisa Irwin, Kelly Irwin and Trisha Crabill (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge with Thom Lewis and Dan Garlick from 9:30 am to 4:45 pm. Observed the following:

Florida: Franklin Co: SVNWR, Dune Road

N29.63333

W85.10770

Gopherus polyphemus – 1 adult in burrow (observed using video cam)

Florida: Franklin Co: SVNWR, Dune Road

Removed Fence Trap 1 near Sheet Metal 44

Florida: Franklin Co: SVNWR, Dune Road

Scincella lateralis – 1 adult under Sheet Metal 45

Florida: Franklin Co: SVNWR, Dune Road

Removed Fence Trap 2 near Board 46

Florida: Franklin Co: SVNWR, Dune Road

Gopherus polyphemus – 1 adult in burrow near Board 9 (observed using video cam)

From 10:30 am to 12:30 pm, did a video cam survey of 14 *Gopherus* burrows, and observed two *Gopherus polyphemus* in residence (see above).

Florida: Franklin Co: SVNWR, at Cabin

Alligator mississippiensis – 1 adult basking

Florida: Franklin Co: SVNWR, Road B

Agkistrodon piscivorus – 1 subadult under Board 82

Sistrurus miliarius – 1 adult under Board 77

Florida: Franklin Co: SVNWR, Road E at Lake 3-4 WCS

Pseudemys cf. nelsoni – 1 juv found dead

Alligator mississippiensis – 4 adults basking

Cemophora coccinea – 1 adult under Board 86

Thamnophis sauritus – 1 juv active near Board 64

Virginia striatula – 1 adult under Board 84

Florida: Franklin Co: SVNWR, Road E

Anolis carolinensis – 1 adult under log

Set Board 129 at the BC

Florida: Franklin Co: SVNWR, Road D between Road B & Deadend Road

N29.64264

W85.13608

Hyla cinerea – 1 subadult active

Rana sphenoccephala – ±10 adults active along water edge

Thamnophis sauritus – 1 adult found dead in road

Sistrurus miliarius – 1 adult under palmetto frond

Set 4 funnel traps at water edge

Florida: Franklin Co: SVNWR, Road D between Road B & Deadend Road

N29.64297

W85.13343

Rana sphenoccephala – ±10 adults active along water edge

Set 2 funnel traps at water edge

Florida: Franklin Co: SVNWR, Rattlesnake Road

N29.64419

W85.14618

Alligator mississippiensis – 3 adults basking on ARB 2, 3, 4

Removed Fence Trap 6

Florida: Franklin Co: SVNWR, Rattlesnake Road

Pseudemys cf. nelsoni – plastral elements found near Board 91

Florida: Franklin Co: SVNWR, Rattlesnake Road

Sistrurus miliarius – 1 adult near Board 89

Florida: Franklin Co: SVNWR, Rattlesnake Slough WCS

Scincella lateralis – 1 adult under log

Alligator mississippiensis – 1 adult basking

Cemophora coccinea – 1 adult under Board 100

Thamnophis sirtalis – 1 adult on palmetto frond

Set 2 funnel traps at water edge

Florida: Franklin Co: SVNWR, Coast Guard Station RR ties

Scincella lateralis – 2 adults under palmetto fronds

Sistrurus miliarius – 1 adult basking near RR ties

Returned to lodging at 6:00 pm. Temperature was 65°F. Prepared field notes.

5 January 2004

Left lodging for SVNWR at 7:30 am in Collins vehicle. Temperature was 68°F. Accompanied by SLC, as well as Travis Taggart, Curtis Schmidt, John Stoklosa and Michael Rochford (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 10:00 am to 4:30 pm. Observed the following:

Florida: Franklin Co: SVNWR, Road B

Scincella lateralis – 1 adult under Board 113

Florida: Franklin Co: SVNWR, Road B

Rana sphenoccephala – 7 adults along water edge near Board 127

Pseudemys nelsoni – 1 large adult active at water edge near Board 127

Sistrurus miliarius – 1 adult near Board 128

Florida: Franklin Co: SVNWR, Road B

Hyla cinerea – 1 subadult near Board 124

Florida: Franklin Co: SVNWR, Road B

Scincella lateralis – 1 adult under Board 81

Florida: Franklin Co: SVNWR, Road B at Cabin

Rana sphenoccephala – 1 adult under Board 52

Scincella lateralis – 1 adult under Board 52

Thamnophis sauritus – 1 subadult under palm frond

Florida: Franklin Co: SVNWR, Road I

N29.66602

W85.08457

Alligator mississippiensis – 1 young adult in water

Florida: Franklin Co: SVNWR, Road I

N29.66847

W85.09253

Bufo terrestris – 2 adults under logs

Anolis carolinensis – 2 adults under bark of dead standing pine trees

Scincella lateralis – 2 adults under pine bark

Eumeces laticeps – 1 adult male in rotten log

Coluber constrictor – spent eggs clutches of 40, 25, 5, and 3 inside rotten logs

Pantherophis guttatus – 1 adult under RR tie

Agkistrodon piscivorus – 2 subadults under logs

Crotalus adamanteus – 1 skeleton with rattle found (area burned a month or so previously)

Florida: Franklin Co: SVNWR, Road I

N29.66977

W85.09691

Rana sphenoccephala – 1 adult AOR

Anolis carolinensis – 5 adults under bark of dead standing pine trees

Scincella lateralis – 8 adults under pine bark

Eumeces laticeps – 2 adult females in rotten cabbage palm

Pantherophis guttatus – 1 subadult in dead pine log

Agkistrodon piscivorus – 1 adult under log

Florida: Franklin Co: SVNWR, at Cabin

Alligator mississippiensis – 2 adults basking

Anolis carolinensis – 1 adult on Cabin porch

Florida: Franklin Co: SVNWR, Road E

Anolis carolinensis – 1 adult under Board 120

Florida: Franklin Co: SVNWR, Road E at Lake 3-4 WCS

Alligator mississippiensis – 3 adults basking

Cemophora coccinea – 2 adults under Board 85

Florida: Franklin Co: SVNWR, Road E

N29.63810

W85.11406

Rana sphenoccephala – 1 adult under log

Anolis carolinensis – 2 adults active

Scincella lateralis – 1 adult under log

Coluber constrictor – 1 adult active

Florida: Franklin Co: SVNWR, Rattlesnake Road

N29.64389

W85.14333

Anolis carolinensis – 1 adult under dead Live Oak

Scincella lateralis – 3 adults under dead Live Oak

Virginia striatula – 1 juv under dead Live Oak

Sistrurus miliarius – 1 adult under dead Live Oak

Florida: Franklin Co: SVNWR, Rattlesnake Slough

Scincella lateralis – 1 adult under Board 98

Scincella lateralis – 1 adult under Board 100

Cemophora coccinea – 1 adult under Board 100

Returned to lodging at 6:00 pm. Temperature was 72°F. Prepared field notes.

6 January 2004

Left lodging for SVNWR at 7:30 am in Collins vehicle. Temperature was 68°F. Accompanied by SLC, as well as Travis Taggart, Curtis Schmidt, John Stoklosa and Michael Rochford (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 8:30 am to 4:30 pm. Observed the following:

Florida: Franklin Co: SVNWR, Road A

N29.65037

W85.15607

Anolis carolinensis – 1 adult under bark on standing dead pine tree

Florida: Franklin Co: SVNWR, Road A

N29.64705

W85.15399

Scincella lateralis – 1 adult under Live Oak log

Cheloniidae (sea turtle) carapace parts (given to Thom Lewis, USFWS)

Florida: Franklin Co: SVNWR, Coast Guard Station

Hyla cinerea – 1 adult in cabbage palm

Scincella lateralis – 1 adult under Board 69

Florida: Franklin Co: SVNWR, Dune Road

N29.63449

W85.13652

Anolis carolinensis – 1 adult under bark of dead standing pine tree

Scincella lateralis – 1 adult under palm frond

Eumeces laticeps – 1 juv under bark of dead standing pine tree

Thamnophis sauritus – 1 subadult inside dead standing pine tree

Sistrurus miliarius – 1 adult resting in open

Florida: Franklin Co: SVNWR, Rattlesnake Slough WCS

Removed Fence Trap 11

Set 5 funnel traps at water edge

Florida: Franklin Co: SVNWR, Road b (Cabin Road)

Hyla squirella – 1 adult under log near Board 58

Anolis carolinensis – 1 adult under log near Board 58

Scincella lateralis – 1 adult under Board 58

Scincella lateralis – 1 adult under Board 60

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – 1 adult under log near Board 8

Florida: Franklin Co: SVNWR, Dune Road

N29.63336

W85.10772

Scincella lateralis – 1 adult under bark of dead standing pine tree

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – 1 adult under Sheet Metal 45

Florida: Franklin Co: SVNWR, Dune Road

Removed Fence Traps 3 & 4

Florida: Franklin Co: SVNWR, Dune Road

Coluber constrictor – 1 large adult under Board 112

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – 1 adult under Board 10

Sistrurus miliarius – 1 adult in a burrow near Board 10

Florida: Franklin Co: SVNWR, Road B

Rana sphenoccephala – 2 adults active at water edge near Board 125

Set 2 funnel traps at water edge

Florida: Franklin Co: SVNWR, Lake 3-4 WCS

Alligator mississippiensis – 1 adult basking

Set 2 funnel traps at water edge

Florida: Franklin Co: SVNWR, Road B

N29.63527

W85.12343

Eumeces laticeps – 1 adult in cabbage palm

Returned to lodging at 5:45 pm. Temperature was 50°F. Prepared field notes.

12 January 2004

Left lodging for SVNWR at 7:30 am in Collins vehicle. Temperature was 42°F. Accompanied by SLC, as well as Jerry D. Collins, Michael Rochford, Ginny Weatherman, Travis W. Taggart and Curtis Schmidt (volunteer field assistants) and Joe Settles, Josh Young & Brian Gasdorf (Touchstone Energy). Split into two teams in am and did USFWS contract work on St. Vincent National Wildlife Refuge from 9:30 am to 4:30 pm.

Team One (JTC, SLC, Jerry D. Collins, Joe Settles, Josh Young & Brian Gasdorf) observed the following:

Florida: Franklin Co: SVNWR, Road E at Lake 3-4 WCS

Alligator mississippiensis – 1 large adult basking

Florida: Franklin Co: SVNWR, Road B

N29.63257

W85.11962

Anolis carolinensis – 1 adult in cabbage palm

Coluber constrictor – 9 spent eggs in cabbage palm

Florida: Franklin Co: SVNWR, Road B

N29.63410

W85.12180

Hyla cinerea – 1 adult in cabbage palm

Rana grylio – 1 juv under palmetto frond at water edge (preserved)

Eumeces laticeps – 1 juv in cabbage palm

Florida: Franklin Co: SVNWR, Rattlesnake Road

N29.64402

W85.14483

Alligator mississippiensis – 1 four-foot specimen basking in Rattlesnake Slough on wood duck board

Eumeces laticeps – 1 adult female in cabbage palm

Coluber constrictor – 9 spent eggs in cabbage palm

Florida: Franklin Co: SVNWR, Rattlesnake Road

Rana sphenocephala – 1 adult under Board 33

Sistrurus miliarius – 1 adult under Board 89

Florida: Franklin Co: SVNWR, Rattlesnake Road

N29.64414

W85.14735

Scincella lateralis – 1 adult under palmetto frond

Florida: Franklin Co: SVNWR, Rattlesnake Slough

Scincella lateralis – 1 adult under Board 100

Coluber constrictor – 7 spent eggs in cabbage palm

Florida: Franklin Co: SVNWR, Dune Road

Scincella lateralis – 1 adult under Board 106

Team Two (TWT, Curtis Schmidt, Michael Rochford & Ginny Weatherman) observed the following:

Florida: Franklin Co: SVNWR, Road G just east of Road 6

Eumeces laticeps – 1 adult male in cabbage palm

Florida: Franklin Co: SVNWR, Road H near jct with Road 6

Hyla cinerea – 10 adults on palmetto fronds, under pine bark & in cabbage palms

Hyla squirella – 4 adults under bark on standing dead pine tree

Anolis carolinensis – 6 adults under bark on standing dead pine tree

Eumeces laticeps – 3 adults under bark on standing dead pine tree

Scincella lateralis – 3 adults under bark on standing dead pine tree

Coluber constrictor – 9 spent eggs in cabbage palm

Thamnophis sauritus – 1 juv active

Both teams combined in pm and observed or collected the following:

Florida: Franklin Co: SVNWR, Road 5

N29.66879

W85.12710

Hyla cinerea – 2 adults under bark on standing dead pine tree

Hyla squirella – 1 adult under bark on standing dead pine tree

Eumeces laticeps – 3 adults in cabbage palm

Scincella lateralis – 2 adults active

Thamnophis sauritus – 1 adult active

Florida: Franklin Co: SVNWR, Dune Road

Scincella lateralis – 3 adults under Board 36

Florida: Franklin Co: SVNWR, Dune Road

N29.63454

W85.10416

Anolis carolinensis – 1 adult active

Florida: Franklin Co: SVNWR, Dune Road

N29.63328

W85.10802

Gopherus polyphemus – shell parts only (given to USFWS biologist Thom Lewis)

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – 1 adult under Board 10

Anolis carolinensis – 1 adult under Sheet Metal 47

Scincella lateralis – 1 adult each under Boards 57, 76, & 78

Thamnophis sauritus – 1 adult near Sheet Metal 47

Sistrurus miliarius – 1 adult near Board 10

Florida: Franklin Co: SVNWR, Road B

Scincella lateralis – 1 adult under Board 81

Florida: Franklin Co: SVNWR, Road A

N29.63447

W85.12306

Hyla cinerea – 1 adult in cabbage palm

Anolis carolinensis – 1 adult in cabbage palm

Thamnophis sauritus – 1 adult in cabbage palm

Note: Conducted survey of *Gopherus* burrows on Dune Road. Found 36 burrows, 16 of which were active and in use by tortoises.

Returned to lodging at 6:00 pm. Temperature was 51°F. Prepared field notes.

14 January 2004

Left lodging for SVNWR at 7:30 am in Collins vehicle. Temperature was 50°F. Accompanied by SLC, as well as Michael Rochford, Jerry D. Collins, and Ginny Weatherman (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 10:00 am to 4:45 pm. Observed the following:

Florida: Franklin Co: SVNWR, Dune Road

Scincella lateralis – 2 adults under Board 107

Florida: Franklin Co: SVNWR, Road A, Oyster Pond Restoration WCS

Scincella lateralis – 2 adults under board

Florida: Franklin Co: SVNWR, Road A

Scincella lateralis – 1 adult each under Boards 71 & 72

Florida: Franklin Co: SVNWR, Road A at jct with Rio Road

N29.63685

W85.14103

Hyla cinerea – 1 adult in cabbage palm

Rana sphenoccephala – 1 adult along water edge

Anolis carolinensis – 2 adults; 1 in cabbage palm & 1 under palmetto frond

Eumeces laticeps – 1 juv in cabbage palm

Scincella lateralis – 2 adults under cabbage palm

Sistrurus miliarius – 4 adults & 1 juv in cabbage palm & under palmetto frond

Florida: Franklin Co: SVNWR, Road A

N29.63787

W85.13699

Alligator mississippiensis – 5 adults basking

Anolis carolinensis – 2 adults; 1 active & 1 under bark of standing dead pine tree

Scincella lateralis – 1 adult under log

Thamnophis sauritus – 1 juv & 1 adult active

Virginia striatula – 1 adult under bark

Sistrurus miliarius – 2 juvs under cabbage palm

Florida: Franklin Co: SVNWR, Dune Road

N29.63193

W85.12545

Scincella lateralis – 1 adult under bark of standing dead pine tree

Thamnophis sauritus – 1 adult active

Sistrurus miliarius – 3 adults; 2 under log & 1 at *Gopherus* burrow entrance

Florida: Franklin Co: SVNWR, Dune Road

N29.63244

W85.11163

Anolis carolinensis – 3 adults under palmetto fronds

Scincella lateralis – 1 adult under cabbage palm

Coluber constrictor – 1 adult active (SLC photograph)

Sistrurus miliarius – 1 juv basking

Florida: Franklin Co: SVNWR, Road B (Cabin Road)

Scincella lateralis – 1 adult under Board 78

Florida: Franklin Co: SVNWR, Road E at Lake 3-4 WCS

Alligator mississippiensis – 5 adults basking

Removed both aquatic funnel traps

Florida: Franklin Co: SVNWR, Road A

N29.63472

W85.12416

Sistrurus miliarius – 1 adult at burrow entrance

Returned to lodging at 5:30 pm. Temperature was 62°F. Prepared field notes.

15 January 2004

Left lodging for SVNWR at 6:30 am in Collins vehicle. Temperature was 59°F. Accompanied by SLC, as well as Jerry D. Collins, Ginny Weatherman and Michael Rochford (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 9:30 am to 4:30 pm. Observed the following:

Florida: Franklin Co: SVNWR, Rattlesnake Slough WCS

Rana sphenocephala – 3 adults in aquatic funnel traps
Thamnophis sauritus – 1 adult found dead at water edge
Virginia striatula – 1 adult in dead pine log
Removed 7 aquatic funnel traps

Florida: Franklin Co: SVNWR, Rattlesnake Slough

N29.64402
W85.14483

Alligator mississippiensis – 1 adult specimen basking in Rattlesnake Slough on wood duck board

Florida: Franklin Co: SVNWR, Road D between Road B & Deadend Road

N29.64264
W85.13608

Removed 4 funnel traps at water edge

Florida: Franklin Co: SVNWR, Road D between Road B & Deadend Road

N29.64297
W85.13343

Rana grylio – 2 adults in funnel traps
Rana sphenocephala – 1 adult at water edge
Removed 2 funnel traps at water edge

Florida: Franklin Co: SVNWR, Road D

N29.64844
W85.13598

Hyla cinerea – 3 adults & 1 juv under bark of standing dead pine tree
Anolis carolinensis – 24 adults under bark of standing dead pine tree
Eumeces laticeps – 3 juvs under bark of standing dead pine tree
Scincella lateralis – 1 adult under bark of standing dead pine tree
Virginia striatula – 1 adult under bark of standing dead pine tree

Florida: Franklin Co: SVNWR, Road D

N29.65263
W85.14503

Thamnophis sirtalis – partial remains of 1 adult found dead along road

Florida: Franklin Co: SVNWR, Road D

N29.65347
W85.14636

Anolis carolinensis – 1 adult under bark of standing dead pine tree

Florida: Franklin Co: SVNWR, Road D

N29.65490
W85.14834

Kinosternon subrubrum – 1 adult AOR

Florida: Franklin Co: SVNWR, Road B near Wolf Pen

N29.64061

W85.13583

Hyla cinerea – 3 adults in cabbage palm

Rana sphenocephala – 1 adult at marsh edge

Florida: Franklin Co: SVNWR, Road B

Rana sphenocephala – 1 adult in funnel trap near Board 125

Removed 2 funnel traps at water edge

Florida: Franklin Co: SVNWR, at Cabin

Hyla cinerea – 1 adult under Board 52

Florida: Franklin Co: SVNWR, Road I between Roads 5 & 6

N29.67364

W85.11035

Rana sphenocephala – ±10 adults active at water edge

Anolis carolinensis – 3 adults under bark of standing dead pine tree

Scincella lateralis – 3 adults under bark of standing dead pine tree

Ophisaurus sp. – 1 adult under log

Pantherophis guttatus – 1 adult under bark on ground

Florida: Franklin Co: SVNWR, Charlotte Road

N29.64311

W85.09833

Sistrurus miliarius – 1 adult basking

Florida: Franklin Co: SVNWR, Charlotte Road

N29.64371

W85.09910

Agkistrodon piscivorus – 1 adult (with gastrointestinal blockage) basking (SLC photographed)

Florida: Franklin Co: SVNWR, Charlotte Road

N29.64408

W85.09943

Alligator mississippiensis – disarticulated skeleton of young adult

Florida: Franklin Co: SVNWR, Charlotte Road

N29.64660

W85.10245

Coluber constrictor – 1 adult basking

Thamnophis sauritus – 1 juv basking

Florida: Franklin Co: SVNWR, Charlotte Road

N29.64808

W85.10423

Coluber constrictor – 1 adult basking

Florida: Franklin Co: SVNWR, Road A at Charlie Road

N29.63576

W85.12814

Pantherophis guttatus – 1 juv under bark of standing dead pine tree

Florida: Franklin Co: SVNWR, Road A

N29.63696

W85.13241

Terrapene carolina – 1 adult active

Scincella lateralis – 1 adult under palm frond

Thamnophis sauritus – 1 adult found dead at water edge

Sistrurus miliarius – 2 specimens; 1 juv under palmetto frond & 1 adult in cabbage palm

Florida: Franklin Co: SVNWR, Oyster Pond Restoration WCS

Alligator mississippiensis – 1 adult basking

Returned to lodging at 6:00 pm. Temperature was 59°F. Prepared field notes.

16 January 2004

Left lodging for SVNWR at 8:30 am in Collins vehicle. Temperature was 54°F. Accompanied by SLC, as well as Emily C. Moriarty, Alan Lemmon, Ginny Weatherman and Michael Rochford (volunteer field assistants). Did USFWS contract work on St. Vincent National Wildlife Refuge from 10:30 am to 4:30 pm. Observed the following:

Florida: Franklin Co: SVNWR, Rattlesnake Slough

Alligator mississippiensis – 2 adults basking

Cemophora coccinea – 1 adult under Board 100

Florida: Franklin Co: SVNWR, Road A

N29.63778

W85.13618

Rana grylio – 1 adult under log at water edge

Rana sphenoccephala – 2 adults (1 dead) at water edge

Anolis carolinensis – 1 adult under palmetto frond

Thamnophis sauritus – 1 adult & 1 juv under bark of standing dead pine tree

Sistrurus miliarius – 1 adult under palmetto frond

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – 1 adult under Board 105

Scincella lateralis – 1 adult under Board 107

Florida: Franklin Co: SVNWR, Dune Road

Scincella lateralis – 1 adult under Board 67

Florida: Franklin Co: SVNWR, Road B

Scincella lateralis – 1 adult each under Boards 78 & 79

Florida: Franklin Co: SVNWR, Dune Road

Anolis carolinensis – 1 adult under Sheet Metal 45

Scincella lateralis – 1 adult under Sheet Metal 45

Thamnophis sauritus – 1 adult at water edge near Sheet Metal 45

Florida: Franklin Co: SVNWR, Road A at jct with Rio Road

N29.63685

W85.14103

Anolis carolinensis – 2 adults under palmetto frond

Scincella lateralis – 2 adults under log

Virginia striatula – 1 adult under log

Sistrurus miliarius – 2 adults under log

Returned to lodging at 6:00 pm. Temperature was 55°F. Prepared field notes.

Species observed and recorded 23 December 2003–16 January 2004

Southern Toad (*Bufo terrestris*)

Southern Cricket Frog (*Acris gryllus*)

Green Treefrog (*Hyla cinerea*)

Squirrel Treefrog (*Hyla squirella*)

Pig Frog (*Rana grylio*)

Southern Leopard Frog (*Rana sphenoccephala*)

American Alligator (*Alligator mississippiensis*)

Florida Softshell (*Apalone ferox*)

Sea Turtle (Cheloniidae) - species unknown (shell parts)

Gopher Tortoise (*Gopherus polyphemus*)

Florida Redbelly Turtle (*Pseudemys nelsoni*)

Eastern Mud Turtle (*Kinosternon subrubrum*)

Eastern Box Turtle (*Terrapene carolina*)

Green Anole (*Anolis carolinensis*)

Broadhead Skink (*Eumeces laticeps*)

Eastern Glass Lizard (*Ophisaurus ventralis*)

Ground Skink (*Scincella lateralis*)

Scarlet Snake (*Cemophora coccinea*)

Eastern Racer (*Coluber constrictor*)

Midland Rat Snake (*Pantherophis alleghaniensis*)

Eastern Corn Snake (*Pantherophis guttatus*)

Eastern Ribbon Snake (*Thamnophis sauritus*)

Common Garter Snake (*Thamnophis sirtalis*)

Rough Earth Snake (*Virginia striatula*)

Cottonmouth (*Agkistrodon piscivorus*)

Pigmy Rattlesnake (*Sistrurus miliarius*)

Eastern Diamondback Rattlesnake (*Crotalus adamanteus*)

Field work totals:

27 species observed and recorded