

INTRODUCTION

Predaceous fire ants known for attacking ground-nesting birds and reptiles; hatchlings more vulnerable



igure 1. The tropical fire ant Solenopsis aeminata



Figure 2. The red mported fire ant (RIFA) Solenopsis invicta

Both are generalist omnivores and prefer disturbed habitats Both have been previously observed in St. Croix

HYPOTHESES

- > H1: There will be a change in the fire ant species distribution at Sandy Point National Wildlife Refuge (SPNWR) in St. Croix
- > H2: Predaceous fire ants will be present at Jack Bay in St. Croix



Figure 3 Survey sites highlighted in red in St. Croix U.S.V.I.

Figure 4 Tuna bait in old sea turtle nest at Jack Bay, St. Croix



Figure 5 Native ants on tuna bait at Jack Bay



- Collected specimens
- Placed in freezer until dead
- Stored in 95% Ethanol
- Identified ants' genera and species
- Chi-square test



Nesting Beach	Number of markers	Most common
SPNWR	55	Dorymyrmex a
Jack Bay	22	Dorymyrmex a

- *S. invicta*, p= 0.34
- *S. geminata*, p=0.009

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