

Vital Sign: Island Insects
[shortened name: Island_Insects]

Parks Where Vital Sign will be Implemented:
BISC, BUIS, DRTO, EVER, SARI, VIIS - deferred

Justification/Issues being addressed: Island Insects ranked 41st among the 44 SFCN vital signs. Small islands have very simple food webs compared with mainland areas or large islands (e.g., Puerto Rico). It is assumed that insects are important in these island communities, (e.g., beetles are important to nutrient recycling and as prey base; bees are susceptible to invasive species, etc.).

General Monitoring Questions to be Addressed by the Vital Sign:

- What are the status and trends in the composition and distribution of major insect groups (e.g., beetles, pollinators)?
- What invasive species are present and how are they distributed?

Measures:
To be determined

Basic Approach:
Deferred due to insufficient funds/staff time

Principal Investigators/Key Contacts and NPS Lead:
N/A

Development schedule, budget, and expected interim products:
N/A

References

In review. Medrano-Cabral, S. and M. A. Ivie. A Catalog of the Species of *Phyllophaga* Harris (Scarabaeidae: Melolonthinae) from the Virgin Islands, West Indies, with the Description of a New Species. Zootaxia.