

**PACIFIC COOPERATIVE STUDIES UNIT
UNIVERSITY OF HAWAII AT MĀNOA**

Dr. David C. Duffy, Unit Leader
Department of Botany
3190 Maile Way, St. John #408
Honolulu, Hawaii 96822



Technical Report 165

Surveys for the Pacific Sheath-tailed Bat in American Samoa

April 2009

Heather R. Fraser¹, Adam C. Miles², and Leslie HaySmith³

¹Pacific Cooperative Studies Unit (University of Hawaii at Manoa), NPS Inventory and Monitoring Program, Pacific Island Network, PO Box 52, Hawaii National Park, HI 96718. e-mail: hfraser@aol.com

²University of Hawaii at Manoa, Department of Botany, 3190 Maile Way Honolulu, HI 96822. e-mail: acmiles@hawaii.edu

³NPS Inventory and Monitoring Program, Pacific Island Network, PO Box 52, Hawaii National Park, HI 96718. e-mail: Leslie_Haysmith@nps.gov

PCSU is a cooperative program between The University of Hawai`i and U.S. National Park Service, Cooperative Ecological Studies Unit.

Organization Contact Information:

NPS Inventory and Monitoring Program, Pacific Island Network, PO Box 52, Hawai`i National Park, HI 96718

Recommended Citation:

Fraser, H. R., A. C. Miles, and L. HaySmith. 2009. Surveys for the Pacific Sheath-tailed Bat in American Samoa. Pacific Cooperative Studies Unit Technical Report 165, University of Hawai`i at Manoa, Department of Botany, Honolulu, HI.

Key words:

Pacific sheath-tailed bat, *Emballonura semicaudata*, mammal inventory

Place key words:

Micronesia, Polynesia, American Samoa, Ta'u, Tutuila, and Ofu/Olosega,

Editor: Clifford W. Morden, PCSU Deputy Director (e-mail: cmorden@hawaii.edu)

TABLE OF CONTENTS

List of Tables	i
List of Figures	i
Abstract.....	ii
Introduction	1
Methods	2
Results and Conclusions	9
Acknowledgments.....	9
Literature Cited	10

LIST OF TABLES

Table 1. Dates, times, and locations of surveys on Tutuila, Ta'u, Ofu, and Olosega	3
Table 2. Dates, times and locations of surveys on Tutuila	7

LIST OF FIGURES

Figure 1. Survey locations on the island of Tutuila, 2006.....	4
Figure 2. Survey locations on the island of Ta'u, 2006	5
Figure 3. Survey locations on the islands of Ofu and Olosega, 2006.....	6
Figure 4. Survey locations on the island of Tutuila, 2008.....	8