## Hawai'i's Terrestrial Ecosystems: Preservation and Management

Proceedings of a Symposium held June 5-6, 1984 at Hawai'i Volcanoes National Park

Edited by

CHARLES P. STONE AND J. MICHAEL SCOTT

with Assistance of
Danielle B. Stone and April R. Komenaka

Cooperative National Park Resources Studies Unit
University of Hawaii • Honolulu

Support for publication was provided by the National Park Service and the U.S. Fish and Wildlife Service.

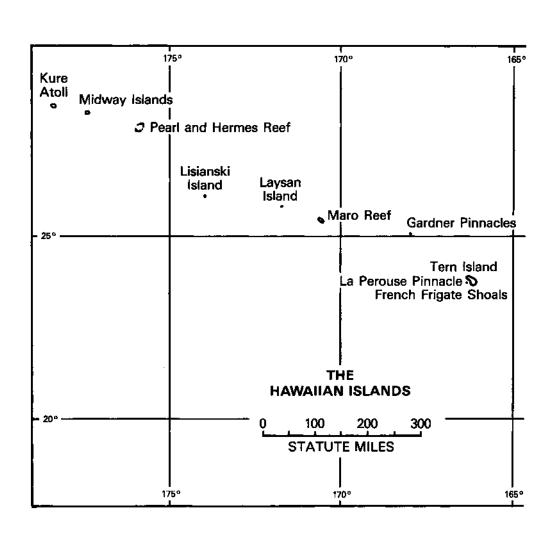
© 1985 Cooperative National Park Resources Studies Unit University of Hawaii, Manoa

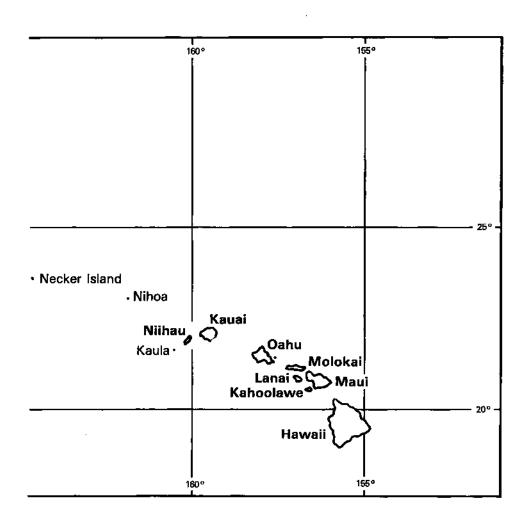
All Rights Reserved

Manufactured in the United States of America

Illustration credits: cover--Dietrich Varez; frontispiece--Robert J. Shallenberger pp. 1, 147--Ronald L. Walker; p. 375--H. Douglas Pratt; p. 481--Danielle B. Stone; p. 493--Rick Hazlett; p. 535--G. Bryan Harry

## Hawai'i's Terrestrial Ecosystems: Preservation and Management





		•		
				٠
	:			
4				
	•			
		•		

## CONTENTS

Foreword	xv	
Preface	xix	
Acknowledgements	xxiii	
Contributors		
I: STATUS, RESEARCH, AND MANAGEMENT NEEDS OF THE NATIVE HAWAIIAN BIOTA	1	
<ol> <li>An Assessment of the Current Status of Native Upland Habitats and Associated Endangered Species on the Island of Hawai'i James D. Jacobi and J. Michael Scott</li> </ol>		22
Abstract Introduction Methods	3 4 6	
Background on Hawai'i Forest Bird Survey Vegetation Mapping Assessment of	6 8	
Status of Native Vegetation Analysis of Endangered Species Dat Results	9 a 9 10	
Current Status of Major Native Vegetation Units Summary of Endangered	10	
Species Found Within Study Area Discussion	16 17	
Factors Responsible for Degradation of Native Habitats Recovery Potential for	17	
Damaged Native Ecosystems	18	
Conservation Strategies Acknowledgements	18 19	
Literature Cited	20	