

Table of Contents

Prologue	7
Acknowledgments	11
Introduction, Methods, Species, and Study Sites	13
Introduction	13
Methods	16
Species	20
Morphology and Meristics	37
Phylogeny and Biogeography	39
Descriptions of Grenada and Selected Sites	41
The Grenadines	45
Color and Pattern	53
Species Accounts	53
Ontogenetic Color Change	101
Habitats and Habitat Use	107
Species Accounts	107
Why Edge Habitat?	144
Activity	146
Diel Activity	146
Species accounts	146
Factors Affecting Nocturnal Activity	155
Seasonal Activity	156
Movements	157
Foraging and Diet	161
Species Accounts	165
Discussion	216
Prey detection and capture	216
Predator and prey population densities	218
Shannon-Weiner values	219
West Indian and mainland <i>Corallus</i>	219
Diet, morphology, and meristics	221
Size, diet, and distribution	224
Phylogeny and diet	224
Predators and Defensive Behavior	228
Predators	228
Species accounts	228
Defensive Strategies	233
Crypsis	234
Color polymorphism	235
Retreat and hiding	236
Tail-vibrating	236
Balling posture	237
Emitting an offensive odor	237

Body rotation	238
Biting	238
Reproduction	243
Species Accounts	243
Discussion	254
Populations	255
Abundance, Densities, and Encounter Rates	255
Species accounts	255
Population Decline at Pearls	265
How Many Treeboas on Grenada?	267
Discussion	271
Population Characteristics	273
Sex ratio	273
Conspicuousness of neonates and age/size class distribution	273
Snout-vent length-mass relationship	274
Growth	275
Treeboas and Humans	276
Human History and <i>Corallus</i> in the West Indies	276
Human History and <i>Corallus</i> Outside the West Indies	283
Cultural Exploitation	287
Treeboas in Proximity to Humans	294
Commercial Exploitation	300
Conservation	303
Literature Cited	310
Index to Scientific Names of Vertebrates	336