

CONTENTS

Preface ix

Part I. Comparative Biology

- 1 An Overview of Brood Parasitism 3
 - Evolutionary Aspects of Brood Parasitism 3
 - Dump-nesting and Conspecific Parasitism among Birds 9
 - Eco-geographic Aspects of Brood Parasitism 14
 - Geographic Aspects of Host Diversities and Parasitism Pressures 16
- 2 Eco-morphology and Interspecific Mimicry 21
 - General Host:Parasite Relationships 21
 - Structural, Plumage, and Acoustic Adaptations 28
 - Egg and Eggshell Adaptations 40
- 3 Behavioral and Reproductive Ecology 53
 - Behavioral Ecology of Brood Parasites 53
 - Reproductive Ecology of Brood Parasites 69

CONTENTS

- 4 Breeding Behavior 82
 - Mating Systems, Mate-choice and Egg-laying Behavior 82
 - Incubation Biology and Chick Ontogeny 90
- 5 Host Retaliation: The Co-evolutionary Arms Race 96
 - The Costs to Hosts of Being Parasitized 96
 - Nest-concealment, Parasite-recognition and Nest-defense Strategies 98
 - Recognition, Rejection, and Destruction of Foreign Eggs 100
 - Post-hatching Discrimination of Parasitic Young 104
 - Alternative End-games: Adaptive Tolerance and Evolved Mutualism 105

Part II. The Avian Brood Parasites

- 6 Waterfowl (Family Anatidae) 111
 - Black-headed Duck 112
- 7 Honeyguides (Family Indicatoridae) 116
 - Spotted Honeyguide 117
 - Scaly-throated Honeyguide 118
 - Greater Honeyguide 119
 - Malaysian Honeyguide 123
 - Lesser Honeyguide 124
 - Thick-billed Honeyguide 128
 - Willcock's Honeyguide 129
 - Least Honeyguide 130
 - Dwarf Honeyguide 132
 - Pallid Honeyguide 133
 - Yellow-rumped Honeyguide 133
 - Lyre-tailed Honeyguide 135
 - Yellow-footed Honeyguide 136
 - Zenker's Honeyguide 137
 - Cassin's Honeyguide 137
 - Green-backed Honeyguide 138
 - Wahlberg's Honeyguide 139
- 8 Old World Cuckoos (Family Cuculidae) 141
 - Pied Cuckoo 143
 - Levaillant's Cuckoo 150
 - Chestnut-winged Cuckoo 152
 - Great Spotted Cuckoo 154
 - Thick-billed Cuckoo 159
 - Sulawesi Hawk-cuckoo 161
 - Large Hawk-cuckoo 162
 - Common Hawk-cuckoo 166
 - Moustached Hawk-cuckoo 168
 - Hodgson's Hawk-cuckoo 169
 - Red-chested Cuckoo 171
 - Black Cuckoo 175
 - Indian Cuckoo 177
 - Common Cuckoo 180
 - African Cuckoo 191
 - Oriental Cuckoo 193
 - Lesser Cuckoo 197
 - Madagascar Cuckoo 199
 - Pallid Cuckoo 201
 - Dusky Long-tailed Cuckoo 203
 - Olive Long-tailed Cuckoo 204
 - Barred Long-tailed Cuckoo 205
 - Banded Bay Cuckoo 206
 - Gray-bellied Cuckoo 209
 - Plaintive Cuckoo 212
 - Rusty-breasted Cuckoo 214
 - Brush Cuckoo 215
 - Chestnut-breasted Cuckoo 218
 - Moluccan Cuckoo 220
 - Fan-tailed Cuckoo 220
 - Long-billed Cuckoo 223
 - Little Bronze Cuckoo 224

Green-cheeked Bronze Cuckoo	228	Klaas' Cuckoo	246
Pied Bronze Cuckoo	230	African Emerald Cuckoo	248
Shining Bronze Cuckoo	231	Dideric Cuckoo	250
Horsfield's Bronze Cuckoo	234	White-crowned Koel	253
Rufous-throated Bronze Cuckoo	237	Drongo Cuckoo	254
White-eared Bronze Cuckoo	238	Dwarf Koel	257
Asian Emerald Cuckoo	239	Asian Koel	258
Violet Cuckoo	241	Black-billed Koel	263
Black-eared Cuckoo	243	Australian Koel	264
Yellow-throated Cuckoo	244	Long-tailed Koel	266
		Channel-billed Cuckoo	268
9 American Ground-cuckoos (Family Neomorphidae)	270		
Striped Cuckoo	271		
Pheasant Cuckoo	275		
Pavonine Cuckoo	276		
10 African Parasitic Finches (Family Passeridae)	280		
Parasitic Weaver	282	Straw-tailed Whydah	303
Village Indigobird	285	Queen Whydah	306
Jambandu Indigobird	291	Pin-tailed Whydah	308
Baka Indigobird	292	Northern Paradise Whydah	310
Variable Indigobird	293	Togo Paradise Whydah	313
Dusky Indigobird	296	Long-tailed Paradise Whydah	315
Pale-winged Indigobird	298	Eastern Paradise Whydah	318
Steel-blue Whydah	301	Broad-tailed Paradise Whydah	323
11 Parasitic Cowbirds (Tribe Icterini)	325		
Screaming Cowbird	327		
Shiny Cowbird	331		
Bronzed Cowbird	338		
Brown-headed Cowbird	340		
Giant Cowbird	350		

Appendixes

- A Glossary 357
 B Latin Names of Birds Mentioned in the Text 367

References 379

Taxonomic Index 397