

CONTENTS

Preface	7	Identification of Eiders	93
Acknowledgments	8	Diving Motions	97
9 Introduction		Identification of Scoters	99
Classification of Birds	9	Identification of Goldeneyes	99
Learning to Identify Birds	9		
Variation in Appearance	11		
Learning Songs and Calls	13		
Finding Rare Birds	14		
Ethics	14	104 Diurnal Raptors	
Extinct Species	14	Eagles, Falcons, Hawks, Vultures	
		Harrier Flight Shapes	108
		Raptor Hunting Techniques	109
15 Bird Topography		Identification of Accipiters	113
Parts of a Passerine	15	Identification of Buteos	114
Head Feathers	16	Identification of Falcons	128
Body Feathers	17		
Wing Feathers	18		
Parts of a Shorebird	19		
Parts of a Duck	20	134 Upland Game Birds	
Parts of a Gull	20	Chachalacas, Grouse, Partridges,	
Molt and Plumage	22	Pheasants, Prairie-Chickens,	
		Ptarmigan, Quail, Turkeys	
		Exotic Game Birds	135
<i>North American Birds</i>			
<i>Species Accounts</i>			
23 Loons		150 Gruiformes	
26 Grebes		Coots, Cranes, Limpkin, Moorhens, Rails	
30 Albatrosses, Petrels,		Habits of Rails	153
and Shearwaters			
41 Storm-Petrels		158 Shorebirds	
46 Pelecaniformes		Avocets, Curlews, Dowitchers, Godwits,	
Anhinga, Boobies, Cormorants,		Jacanas, Lapwings, Oystercatchers,	
Frigatebirds, Gannets, Pelicans, Tropicbirds		Phalaropes, Plovers, Ruff, Sandpipers,	
<i>Cormorants and Anhinga</i>	50	Snipe, Stilts, Turnstones, Willet,	
<i>Identification of Sulids</i>	54	Woodcocks, Yellowlegs	
		Rare Shorebirds	161
		<i>Aging and Identification of Shorebirds</i>	181
		<i>Identification of Peeps</i>	187
		<i>Aerial Displays of Snipe and Woodcock</i>	193
		<i>Identification of Phalaropes</i>	194
57 Wading Birds		196 Jaegers and Skuas	
Bitterns, Egrets, Flamingos, Herons, Ibises,		Jaeger Bill Shapes	196
Spoonbills, Storks			
<i>Identification of White Herons</i>	59	202 Gulls, Terns, and Skimmers	
<i>Identification of Dark Ibises</i>	66	Hybrid Gulls	204
		<i>Identification of Gulls</i>	208
70 Swans, Geese, and Ducks		241 Alcids	
<i>Identification of Swans</i>	73	Auklets, Dovekie, Guillemots, Murrelets,	
<i>Geese Head and Bill Shapes</i>	79	Murres, Puffins	
<i>Domestic Waterfowl</i>	89	<i>Identification of Murres</i>	243
<i>Exotic Waterfowl</i>	89		
<i>Identification of Scaup</i>	93	254 Pigeons and Doves	
		262 Parrots and Their Allies	

267	Cuckoos and Their Allies Anis, Cuckoos, Roadrunners	410	Mimids Catbirds, Mockingbirds, Thrashers
271	Owls	416	Starlings and Mynas
284	Goatsuckers and Swifts	418	Wagtails and Pipits
292	Hummingbirds <i>Identification of Hummingbirds</i> 302	422	Silky-Flycatchers and Bulbuls
303	Trogons	423	Waxwings
304	Kingfishers	424	Wood-Warblers Parulas, Redstarts, Warblers, Waterthrushes <i>Blue-winged x Golden-winged Hybrids</i> 428 <i>Warbler Plumages</i> 437 <i>Identification of Fall Warblers</i> 442 <i>Identifying Songs</i> 447 <i>Aberrant Passerines</i> 458
306	Woodpeckers <i>Drumming Sounds</i> 306	459	Tanagers, Cardinals, and Their Allies Bananaquit, Cardinaline Buntings, Cardinals, Dickcissel, Grosbeaks, Tanagers <i>Identification of Tanagers</i> 461 <i>Identification of Grosbeaks</i> 467 <i>Identification of Cardinaline Buntings</i> 470
320	Tyrant Flycatchers Flycatchers, Kingbirds, Pewees, Phoebes, Wood-Pewees	472	Emberizine Sparrows and Their Allies Emberizine Buntings, Juncos, Longspurs, Sparrows, Towhees <i>Identification of Spizella Sparrows</i> 484 <i>Sparrowlike Birds</i> 492 <i>Identification of Emberizine Buntings</i> 503
340	Shrikes and Vireos	507	Icterids Blackbirds, Bobolink, Cowbirds, Grackles, Meadowlarks, Orioles <i>Identification of Meadowlarks</i> 509 <i>Identification of Orioles</i> 518
350	Jays, Crows, and Their Allies Crows, Jays, Magpies, Ravens, Scrub-Jays	523	Finches and Old World Sparrows Crossbills, Finches, Goldfinches, Grosbeaks, Old World Sparrows, Redpolls, Siskins <i>Red Crossbill Types</i> 530 <i>Identification of Red Crossbills</i> 531 <i>Exotic Finches</i> 537
362	Larks <i>Open-Ground Birds</i> 362	538	Species Index
364	Swallows <i>Molt in Swallows</i> 364		
371	Chickadees and Their Allies Bushtit, Chickadees, Titmice, Verdin <i>Drab Gray Birds of the Arid Southwest</i> 378		
380	Nuthatches and Creepers		
384	Wrens <i>Scold Notes</i> 384 <i>Sedge Wren and Grass Sparrows</i> 388		
392	Old World Warblers, Thrushes, and Their Allies Bluebirds, Dippers, Gnatcatchers, Kinglets, Robins, Thrushes, Warblers, Wrentit <i>Identification of Gnatcatchers</i> 398 <i>Typical Thrushes</i> 402 <i>Robinlike Songs</i> 403		