CONTENTS

		page	plate
INTRODUCTION		12	
ACKNOWLEDGEMENTS		13	
LAYOUT OF THE BOOK		15	
OWLS: AN OVERVIEW		18	
MORPHOLOGY AND ANATOMY		18	
TOPOGRAPHY		22	
FOOD		24	
HUNTING		24	
BEHAVIOUR		26	
BREEDING		29	
VOCALISATIONS		32	
SYSTEMATICS AND TAXONOMY		34	
HOW TO STUDY OWLS		39	
CONSERVATION		39	
MOLECULAR PHYLOGENY AND SYSTEMATICS OF THE OWLS (STRIGIFORMES) by Michael Wink *et al.*		42	
COLOUR PLATES		64	
SYSTEMATIC SECTION		209	
TYTO			
Common Barn Owl	*Tyto alba*	209	1
American Barn Owl	*Tyto furcata*	211	2
Curaçao Barn Owl	*Tyto bargei*	212	2
Ashy-faced Barn Owl	*Tyto glaucops*	213	2
Lesser Antilles Barn Owl	*Tyto insularis*	214	2
Galápagos Barn Owl	*Tyto punctatissima*	215	3
Cape Verde Barn Owl	*Tyto detorta*	215	3
São Tomé Barn Owl	*Tyto thomensis*	216	3
Andaman Barn Owl	*Tyto deroepstorffi*	217	2
Madagascar Red Owl	*Tyto soumagnei*	217	3
Australian Barn Owl	*Tyto delicatula*	218	3
Boang Barn Owl	*Tyto crassirostris*	219	3
Golden Masked Owl	*Tyto aurantia*	220	4
Taliabu Masked Owl	*Tyto nigrobrunnea*	220	4
Minahassa Masked Owl	*Tyto inexspectata*	221	6
Lesser Masked Owl	*Tyto sororcula*	222	5
Manus Masked Owl	*Tyto manusi*	222	5
Sulawesi Masked Owl	*Tyto rosenbergii*	223	5
Australian Masked Owl	*Tyto novaehollandiae*	224	5
Tasmanian Masked Owl	*Tyto castanops*	225	5
African Grass Owl	*Tyto capensis*	226	4
Eastern Grass Owl	*Tyto longimembris*	227	4
Lesser Sooty Owl	*Tyto multipunctata*	228	6

Greater Sooty Owl	*Tyto tenebricosa*	228	6
Itombwe Owl	*Tyto prigoginei*	229	6
PHODILUS			
Oriental Bay Owl	*Phodilus badius*	230	6
Sri Lanka Bay Owl	*Phodilus assimilis*	232	6
OTUS			
White-fronted Scops Owl	*Otus sagittatus*	233	7
Reddish Scops Owl	*Otus rufescens*	234	7
Serendib Scops Owl	*Otus thilohoffmanni*	235	7
Cinnamon Scops Owl	*Otus icterorhynchus*	236	7
Sokoke Scops Owl	*Otus ireneae*	237	7
Andaman Scops Owl	*Otus balli*	237	9
Flores Scops Owl	*Otus alfredi*	238	9
Stresemann's Scops Owl	*Otus stresemanni*	239	8
Mountain Scops Owl	*Otus spilocephalus*	240	8
Javan Scops Owl	*Otus angelinae*	242	8
Mindanao Scops Owl	*Otus mirus*	243	9
Luzon Scops Owl	*Otus longicornis*	244	9
Mindoro Scops Owl	*Otus mindorensis*	245	9
São Tomé Scops Owl	*Otus hartlaubi*	246	9
Malagasy Scops Owl	*Otus rutilus*	246	10
Torotoroka Scops Owl	*Otus madagascariensis*	247	10
Mayotte Scops Owl	*Otus mayottensis*	248	10
Grand Comoro Scops Owl	*Otus pauliani*	249	10
Anjouan Scops Owl	*Otus capnodes*	249	10
Mohéli Scops Owl	*Otus moheliensis*	250	10
Pemba Scops Owl	*Otus pembaensis*	251	15
Common Scops Owl	*Otus scops*	252	11
Pallid Scops Owl	*Otus brucei*	253	12
Arabian Scops Owl	*Otus pamelae*	255	12
Socotra Scops Owl	*Otus socotranus*	255	12
African Scops Owl	*Otus senegalensis*	256	12
Oriental Scops Owl	*Otus sunia*	257	13
Elegant Scops Owl	*Otus elegans*	259	13
Moluccan Scops Owl	*Otus magicus*	260	14
Wetar Scops Owl	*Otus tempestatis*	261	15
Sula Scops Owl	*Otus sulaensis*	262	15
Biak Scops Owl	*Otus beccarii*	263	16
Kalidupa Scops Owl	*Otus kalidupae*	263	15
Sulawesi Scops Owl	*Otus manadensis*	264	15
Siau Scops Owl	*Otus siaoensis*	265	15
Sangihe Scops Owl	*Otus collari*	266	15
Mantanani Scops Owl	*Otus mantananensis*	267	14
Seychelles Scops Owl	*Otus insularis*	268	15
Nicobar Scops Owl	*Otus alius*	268	16
Simeulue Scops Owl	*Otus umbra*	269	16
Enggano Scops Owl	*Otus enganensis*	270	16
Mentawai Scops Owl	*Otus mentawi*	271	16
Rajah Scops Owl	*Otus brookii*	271	16

Sunda Scops Owl	*Otus lempiji*	273	17
Singapore Scops Owl	*Otus cnephaeus*	274	17
Collared Scops Owl	*Otus lettia*	275	17
Indian Scops Owl	*Otus bakkamoena*	276	16
Japanese Scops Owl	*Otus semitorques*	277	18
Philippine Scops Owl	*Otus megalotis*	278	18
Palawan Scops Owl	*Otus fuliginosus*	279	18
Wallace's Scops Owl	*Otus silvicola*	279	18
Psiloscops			
Flammulated Owl	*Psiloscops flammeolus*	280	11
Megascops			
Western Screech Owl	*Megascops kennicottii*	282	19
Eastern Screech Owl	*Megascops asio*	283	19
Oaxaca Screech Owl	*Megascops lambi*	285	20
Pacific Screech Owl	*Megascops cooperi*	285	20
Whiskered Screech Owl	*Megascops trichopsis*	286	20
Bearded Screech Owl	*Megascops barbarus*	287	20
Balsas Screech Owl	*Megascops seductus*	288	20
Bare-shanked Screech Owl	*Megascops clarkii*	289	20
Tropical Screech Owl	*Megascops choliba*	289	21
Maria Koepcke's Screech Owl	*Megascops koepckeae*	291	22
Peruvian Screech Owl	*Megascops roboratus*	292	22
Tumbes Screech Owl	*Megascops pacificus*	293	22
Montane Forest Screech Owl	*Megascops hoyi*	294	23
Rufescent Screech Owl	*Megascops ingens*	296	23
Colombian Screech Owl	*Megascops colombianus*	297	23
Cinnamon Screech Owl	*Megascops petersoni*	298	23
Cloud-forest Screech Owl	*Megascops marshalli*	299	23
Northern Tawny-bellied Screech Owl	*Megascops watsonii*	300	24
Southern Tawny-bellied Screech Owl	*Megascops usta*	301	24
Black-capped Screech Owl	*Megascops atricapillus*	302	24
Santa Catarina Screech Owl	*Megascops sanctaecatarinae*	304	24
Vermiculated Screech Owl	*Megascops vermiculatus*	305	25
Foothill Screech Owl	*Megascops roraimae*	306	25
Guatemalan Screech Owl	*Megascops guatemalae*	307	25
Rio Napo Screech Owl	*Megascops napensis*	309	22
Puerto Rican Screech Owl	*Megascops nudipes*	310	25
White-throated Screech Owl	*Megascops albogularis*	311	26
Pyrroglaux			
Palau Scops Owl	*Pyrroglaux podarginus*	312	26
Gymnoglaux			
Cuban Bare-legged Owl	*Gymnoglaux lawrencii*	313	26
Ptilopsis			
Northern White-faced Scops Owl	*Ptilopsis leucotis*	314	27
Southern White-faced Scops Owl	*Ptilopsis granti*	315	27
Mimizuku			
Giant Scops Owl	*Mimizuku gurneyi*	317	27

Bubo			
Snowy Owl	*Bubo scandiacus*	318	28
Great Horned Owl	*Bubo virginianus*	319	29
Magellan Horned Owl	*Bubo magellanicus*	321	29
Eurasian Eagle Owl	*Bubo bubo*	323	30–32
Pharaoh Eagle Owl	*Bubo ascalaphus*	325	32
Rock Eagle Owl	*Bubo bengalensis*	327	32
Cape Eagle Owl	*Bubo capensis*	328	33
Spotted Eagle Owl	*Bubo africanus*	329	34
Vermiculated Eagle Owl	*Bubo cinerascens*	331	34
Fraser's Eagle Owl	*Bubo poensis*	332	34
Usambara Eagle Owl	*Bubo vosseleri*	333	34
Verreaux's Eagle Owl	*Bubo lacteus*	334	35
Shelley's Eagle Owl	*Bubo shelleyi*	336	35
Barred Eagle Owl	*Bubo sumatranus*	336	36
Forest Eagle Owl	*Bubo nipalensis*	337	36
Dusky Eagle Owl	*Bubo coromandus*	339	37
Akun Eagle Owl	*Bubo leucostictus*	340	33
Philippine Eagle Owl	*Bubo philippensis*	341	37
Blakiston's Eagle Owl	*Bubo blakistoni*	342	38
Brown Fish Owl	*Bubo zeylonensis*	343	38
Buffy Fish Owl	*Bubo ketupu*	344	37
Tawny Fish Owl	*Bubo flavipes*	346	37
Pel's Fishing Owl	*Bubo peli*	347	39
Rufous Fishing Owl	*Bubo ussheri*	348	39
Vermiculated Fishing Owl	*Bubo bouvieri*	349	39
Pulsatrix			
Spectacled Owl	*Pulsatrix perspicillata*	350	48
Short-browed Owl	*Pulsatrix pulsatrix*	351	48
Tawny-browed Owl	*Pulsatrix koeniswaldiana*	352	48
Band-bellied Owl	*Pulsatrix melanota*	353	48
Strix			
Spotted Wood Owl	*Strix seloputo*	354	40
Mottled Wood Owl	*Strix ocellata*	355	40
Brown Wood Owl	*Strix leptogrammica*	357	41
Nias Wood Owl	*Strix niasensis*	358	41
Bartels' Wood Owl	*Strix bartelsi*	359	41
Mountain Wood Owl	*Strix newarensis*	360	41
Tawny Owl	*Strix aluco*	361	37
Himalayan Wood Owl	*Strix nivicola*	363	42
Hume's Owl	*Strix butleri*	364	42
African Wood Owl	*Strix woodfordii*	365	43
Mottled Owl	*Strix virgata*	366	43
Mexican Wood Owl	*Strix squamulata*	368	43
Rufous-legged Owl	*Strix rufipes*	369	43
Chaco Owl	*Strix chacoensis*	370	43
Rusty-barred Owl	*Strix hylophila*	371	44
Rufous-banded Owl	*Strix albitarsis*	373	44
Black-and-white Owl	*Strix nigrolineata*	374	44

Black-banded Owl	*Strix huhula*	375	44
Spotted Owl	*Strix occidentalis*	376	40
Fulvous Owl	*Strix fulvescens*	377	45
Barred Owl	*Strix varia*	378	45
Sichuan Wood Owl	*Strix davidi*	379	45
Ural Owl	*Strix uralensis*	380	46
Great Grey Owl	*Strix nebulosa*	382	46
JUBULA			
Maned Owl	*Jubula lettii*	384	47
LOPHOSTRIX			
Crested Owl	*Lophostrix cristata*	385	47
SURNIA			
Northern Hawk Owl	*Surnia ulula*	387	68
GLAUCIDIUM			
Eurasian Pygmy Owl	*Glaucidium passerinum*	388	49
Pearl-spotted Owlet	*Glaucidium perlatum*	391	49
Red-chested Owlet	*Glaucidium tephronotum*	393	49
Collared Owlet	*Glaucidium brodiei*	394	55
Northern Pygmy Owl	*Glaucidium californicum*	395	50
Cape Pygmy Owl	*Glaucidium hoskinsii*	396	50
Mountain Pygmy Owl	*Glaucidium gnoma*	397	50
Cloud-forest Pygmy Owl	*Glaucidium nubicola*	398	52
Guatemalan Pygmy Owl	*Glaucidium cobanense*	399	50
Costa Rican Pygmy Owl	*Glaucidium costaricanum*	400	50
Cuban Pygmy Owl	*Glaucidium siju*	401	52
Tamaulipas Pygmy Owl	*Glaucidium sanchezi*	402	51
Colima Pygmy Owl	*Glaucidium palmarum*	403	51
Central American Pygmy Owl	*Glaucidium griseiceps*	404	51
Sick's Pygmy Owl	*Glaucidium sicki*	404	51
Pernambuco Pygmy Owl	*Glaucidium minutissimum*	406	51
Amazonian Pygmy Owl	*Glaucidium hardyi*	407	52
Subtropical Pygmy Owl	*Glaucidium parkeri*	408	52
Andean Pygmy Owl	*Glaucidium jardinii*	409	53
Yungas Pygmy Owl	*Glaucidium bolivianum*	410	53
Peruvian Pygmy Owl	*Glaucidium peruanum*	412	53
Austral Pygmy Owl	*Glaucidium nanum*	414	53
Ferruginous Pygmy Owl	*Glaucidium brasilianum*	415	54
Ridgway's Pygmy Owl	*Glaucidium ridgwayi*	418	54
Chaco Pygmy Owl	*Glaucidium tucumanum*	419	52
TAENIOGLAUX			
Jungle Owlet	*Taenioglaux radiata*	421	55
Chestnut-backed Owlet	*Taenioglaux castanonota*	422	55
Asian Barred Owlet	*Taenioglaux cuculoides*	423	57
Javan Owlet	*Taenioglaux castanoptera*	424	57
Sjöstedt's Owlet	*Taenioglaux sjöstedti*	425	55
African Barred Owlet	*Taenioglaux capense*	426	56
Chestnut Owlet	*Taenioglaux castanea*	427	56
Etchécopar's Owlet	*Taenioglaux etchecopari*	428	56
Albertine Owlet	*Taenioglaux albertina*	429	56

XENOGLAUX			
Long-whiskered Owlet	*Xenoglaux loweryi*	430	57
MICRATHENE			
Elf Owl	*Micrathene whitneyi*	431	57
ATHENE			
Burrowing Owl	*Athene cunicularia*	432	58
Forest Owlet	*Athene blewitti*	434	58
Little Owl	*Athene noctua*	435	59
Lilith Owlet	*Athene lilith*	438	59
Ethiopian Little Owl	*Athene spilogastra*	439	59
Spotted Owlet	*Athene brama*	440	59
AEGOLIUS			
Tengmalm's Owl	*Aegolius funereus*	441	60
Northern Saw-whet Owl	*Aegolius acadicus*	444	60
Unspotted Saw-whet Owl	*Aegolius ridgwayi*	446	60
Buff-fronted Owl	*Aegolius harrisii*	447	60
NINOX			
Rufous Owl	*Ninox rufa*	448	61
Powerful Owl	*Ninox strenua*	450	61
Barking Owl	*Ninox connivens*	451	61
Sumba Boobook	*Ninox rudolfi*	452	65
Little Sumba Hawk Owl	*Ninox sumbaensis*	453	65
Togian Hawk Owl	*Ninox burhani*	454	65
Cinnabar Hawk Owl	*Ninox ios*	455	65
Morepork	*Ninox novaeseelandiae*	455	62
Southern Boobook	*Ninox boobook*	457	62
Red Boobook	*Ninox lurida*	459	62
Tasmanian Boobook	*Ninox leucopsis*	459	62
Brown Hawk Owl	*Ninox scutulata*	460	63
Andaman Hawk Owl	*Ninox affinis*	462	63
Madagascar Hawk Owl	*Ninox superciliaris*	463	63
Philippine Hawk Owl	*Ninox philippensis*	464	64
Mindoro Hawk Owl	*Ninox mindorensis*	465	64
Ochre-bellied Hawk Owl	*Ninox ochracea*	466	65
Solomon Hawk Owl	*Ninox jacquinoti*	466	64
Jungle Hawk Owl	*Ninox theomacha*	467	66
Speckled Hawk Owl	*Ninox punctulata*	468	66
New Britain Hawk Owl	*Ninox odiosa*	469	66
Moluccan Hawk Owl	*Ninox squamipila*	470	67
Christmas Hawk Owl	*Ninox natalis*	471	65
Manus Hawk Owl	*Ninox meeki*	472	67
Bismarck Hawk Owl	*Ninox variegata*	473	67
UROGLAUX			
Papuan Hawk Owl	*Uroglaux dimorpha*	474	68
SCELOGLAUX			
Laughing Owl	*Sceloglaux albifacies*	474	68
NESASIO			
Fearful Owl	*Nesasio solomonensis*	476	69

Pseudoscops			
Jamaican Owl	*Pseudoscops grammicus*	476	47
Asio			
Stygian Owl	*Asio stygius*	477	69
Long-eared Owl	*Asio otus*	479	69
Abyssinian Long-eared Owl	*Asio abyssinicus*	481	69
Madagascar Long-eared Owl	*Asio madagascariensis*	482	69
Striped Owl	*Asio clamator*	482	70
Short-eared Owl	*Asio flammeus*	484	70
Galápagos Short-eared Owl	*Asio galapagoensis*	486	70
Marsh Owl	*Asio capensis*	487	70

RECENTLY DISCOVERED OWLS 489

BIBLIOGRAPHY 490

INDEX 519