

Atlas of Mammals in Ireland 2010 – 2015

Liam Lysaght and Ferdia Marnell



Contents

Foreword	5	European hare	60
Acknowledgements	6	<i>Lepus europaeus</i>	
CHAPTER 1		Neil Reid	
Background	8	Irish hare	62
Liam Lysaght and Ferdia Marnell		<i>Lepus timidus hibernicus</i>	
CHAPTER 2		Rebecca Jeffrey	
Origins of mammals in Ireland	9	■ INSECTIVORES	
Ian Montgomery		Hedgehog	64
CHAPTER 3		<i>Erinaceus europaeus</i>	
Mammal research in Ireland	13	Liam Lysaght	
Colin Lawton		Pygmy shrew	66
CHAPTER 4		<i>Sorex minutus</i>	
Legislation and wild mammals in Ireland	19	Allan McDevitt	
Ferdia Marnell		Greater white-toothed shrew	68
CHAPTER 5		<i>Crocidura russula</i>	
Methods	22	Allan McDevitt	
Liam Lysaght and Ferdia Marnell		■ BATS	
CHAPTER 6		Greater horseshoe bat	70
Results	27	<i>Rhinolophus ferrumequinum</i>	
Liam Lysaght and Ferdia Marnell		Paul Scott	
CHAPTER 7		Lesser horseshoe bat	72
Species Accounts	34	<i>Rhinolophus hipposideros</i>	
■ RODENTS		Kate McAney	
Red squirrel	38	Whiskered bat	74
<i>Sciurus vulgaris</i>		<i>Myotis mystacinus</i>	
Colin Lawton		Emma Teeling	
Grey squirrel	40	Brandt's bat	76
<i>Sciurus carolinensis</i>		<i>Myotis brandtii</i>	
Colin Lawton		Conor Kelleher	
Hazel dormouse	42	Daubenton's bat	78
<i>Muscardinus avellanarius</i>		<i>Myotis daubentonii</i>	
Emma Sheehy		Tina Aughney	
Bank vole	44	Natterer's bat	80
<i>Myodes glareolus</i>		<i>Myotis nattereri</i>	
Patrick Smiddy		Caroline Shiel	
Wood mouse	46	Leisler's bat	82
<i>Apodemus sylvaticus</i>		<i>Nyctalus leisleri</i>	
Ian Montgomery		Emma Boston	
House mouse	48	Common pipistrelle	84
<i>Mus domesticus</i>		<i>Pipistrellus pipistrellus</i>	
Ian Montgomery		Niamh Roche	
Brown rat	50	Soprano pipistrelle	86
<i>Rattus norvegicus</i>		<i>Pipistrellus pygmaeus</i>	
Fidelma Butler		Niamh Roche	
Black rat	52	Nathusius' pipistrelle	88
<i>Rattus rattus</i>		<i>Pipistrellus nathusii</i>	
Ferdia Marnell		Emma Boston	
Muskrat	54	Brown long-eared bat	90
<i>Ondatra zibethicus</i>		<i>Plecotus auritus</i>	
Liam Lysaght		Tina Aughney	
■ MARSUPIALS		■ CARNIVORES	
Red-necked wallaby	56	Red fox	92
<i>Macropus rufogriseus</i>		<i>Vulpes vulpes</i>	
Ferdia Marnell		Declan Looney	
■ LAGOMORPHS		Grey wolf	94
Rabbit	58	<i>Canis lupus</i>	
<i>Oryctolagus cuniculus</i>		Kieran Hickey	
Ferdia Marnell and Liam Lysaght		Badger	96
		<i>Meles meles</i>	
		Andrew Byrne	
		Otter	98
		<i>Lutra lutra</i>	
		Ferdia Marnell	
		Pine marten	100
		<i>Martes martes</i>	
		Declan O'Mahony	

Irish stoat	102	Cuvier's beaked whale	144
<i>Mustela erminea hibernica</i>		<i>Ziphius cavirostris</i>	
Paddy Sleeman		Dave Wall	
Feral ferret	104	Sowerby's beaked whale	146
<i>Mustela furo</i>		<i>Mesoplodon bidens</i>	
Daniel Buckley		Dave Wall	
American mink	106	True's beaked whale	148
<i>Neovison vison</i>		<i>Mesoplodon mirus</i>	
Ferdia Marnell		Dave Wall	
■ UNGULATES		Gervais' beaked whale	150
Feral pig	108	<i>Mesoplodon europaeus</i>	
<i>Sus scrofa</i>		Dave Wall	
Colette O'Flynn		Beluga	152
Muntjac	110	<i>Delphinapterus leucas</i>	
<i>Muntiacus reevesi</i>		Mick Mackey	
Kayleigh Hogg		Harbour porpoise	154
Red deer	112	<i>Phocoena phocoena</i>	
<i>Cervus elaphus</i>		Joanne O'Brien	
Tim Burkitt		Bottlenose dolphin	156
Sika deer	114	<i>Tursiops truncatus</i>	
<i>Cervus nippon</i>		Simon Berrow	
Ruth Carden		Striped dolphin	158
Fallow deer	116	<i>Stenella coeruleoalba</i>	
<i>Dama dama</i>		Simon Berrow	
Ruth Carden		Common dolphin	160
Feral goat	118	<i>Delphinus delphis</i>	
<i>Capra hircus</i>		Emer Rogan	
Ruth Enright		White-beaked dolphin	162
■ SEALS		<i>Lagenorhynchus albirostris</i>	
Harbour seal	120	Conor Ryan	
<i>Phoca vitulina</i>		Atlantic white-sided dolphin	164
Oliver Ó Cadhla		<i>Lagenorhynchus acutus</i>	
Grey seal	122	Emer Rogan	
<i>Halichoerus grypus</i>		Long-finned pilot whale	166
Michelle Cronin		<i>Globicephala melas</i>	
Bearded seal	124	Joanne O'Brien	
<i>Erignathus barbatus</i>		False killer whale	168
Oliver Ó Cadhla		<i>Pseudorca crassidens</i>	
Walrus	126	Oliver Ó Cadhla	
<i>Odobenus rosmarus</i>		Risso's dolphin	170
Don Cotton		<i>Grampus griseus</i>	
■ CETACEANS		Simon Berrow	
Humpback whale	128	Killer whale	172
<i>Megaptera novaeangliae</i>		<i>Orcinus orca</i>	
Conor Ryan		Róisín Pinfield and Andy Foote	
Minke whale	130	Additional non-established	
<i>Balaenoptera acutorostrata</i>		mammal species	173
Pádraig Whooley		Colette O'Flynn	
Fin whale	132	<hr/>	
<i>Balaenoptera physalus</i>		CHAPTER 8	
Pádraig Whooley		Advances in mammal studies	
Sei whale	134	using genetic analysis	177
<i>Balaenoptera borealis</i>		Denise O'Meara and Catherine O'Reilly	
Greg Donovan		<hr/>	
Blue whale	136	CHAPTER 9	
<i>Balaenoptera musculus</i>		Future outlook for mammals in Ireland	181
Greg Donovan		Ferdia Marnell and Liam Lysaght	
Sperm whale	138	<hr/>	
<i>Physeter macrocephalus</i>		References	185
Mick Mackey		Recorders	197
Pygmy sperm whale	140	Index	203
<i>Kogia breviceps</i>			
Emer Rogan			
Northern bottlenose whale	142		
<i>Hyperoodon ampullatus</i>			
Dave Wall			