

Cambridge University Press 978-0-521-76059-1 - Ungulate Management in Europe: Problems and Practices Edited by Rory Putman, Marco Apollonio and Reidar Andersen Table of Contents More information

Contents

	Scientific names of species referred to in this text	e vii x
1	Introduction RORY PUTMAN, REIDAR ANDERSEN AND MARCO APOLLONIO	1
2	Status and distribution patterns of European ungulates: genetics, population history and conservation JOHN D.C. LINNELL AND FRANK E. ZACHOS	12
3	A review of the various legal and administrative systems governing management of large herbivores in Europe RORY PUTMAN	54
4	Hunting seasons in relation to biological breeding seasons and the implications for the control or regulation of ungulate populations MARCO APOLLONIO, RORY PUTMAN, STEFANO GRIGNOLIO AND LUDĚK BARTOŠ	80
5	The census and management of populations of ungulates in Europe NICOLAS MORELLET, FRANÇOIS KLEIN, ERLING SOLBERG AND REIDAR ANDERSEN	106
6	Impacts of wild ungulates on vegetation: costs and benefits FRIEDRICH REIMOSER AND RORY PUTMAN	144
7	Wild ungulate diseases and the risk for livestock and public health EZIO FERROGLIO, CHRISTIAN GORTÁZAR AND JOAQUÍN VICENTE	192

V



Cambridge University Press 978-0-521-76059-1 - Ungulate Management in Europe: Problems and Practices Edited by Rory Putman, Marco Apollonio and Reidar Andersen Table of Contents More information

vi	Contents	
8	Traffic collisions involving deer and other ungulates in Europe and available measures for mitigation JOCHEN LANGBEIN, RORY PUTMAN AND BOSTJAN POKORNY	215
9	Large herbivores as 'environmental engineers' CHRIS SMIT AND RORY PUTMAN	260
10	Ungulate-large carnivore relationships in Europe włodzimierz jędrzejewski, marco apollonio, bogumiła jędrzejewska and ilpo kojola	284
11	The role of pathogens in the population dynamics of European ungulates MARION L. EAST, BRUNO BASSANO AND BJØRNAR YTREHUS	319
12	Climate change and implications for the future distribution and management of ungulates in Europe ATLE MYSTERUD AND BERNT-ERIK SÆTHER	349
13	Ungulate management in Europe: towards a sustainable future ROBERT KENWARD AND RORY PUTMAN	376
	Index	396